

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091119\
 Data File : VY000005.D
 Acq On : 11 Sep 2019 17:39
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:51:31 PM

Quant Time: Sep 12 09:06:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 08:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	156778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	289794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	249912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	109818	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	83580	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	7.72	113	82683	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	10.18	98	361751	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
62) 4-Bromofluorobenzene	12.48	95	119738	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	52273	59.212	ug/l	100
3) Chloromethane	2.11	50	75304	67.606	ug/l	100
4) Vinyl Chloride	2.25	62	85330	63.814	ug/l	100
5) Bromomethane	2.63	94	49547	67.690	ug/l	100
6) Chloroethane	2.78	64	56088	69.104	ug/l	100
7) Trichlorofluoromethane	3.12	101	105736	98.635	ug/l	100
8) Diethyl Ether	3.53	74	42561	56.762	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.89	101	72958	53.122	ug/l	100
10) Methyl Iodide	4.08	142	88329	51.439	ug/l	100
11) Tert butyl alcohol	4.96	59	45931	324.533	ug/l	100
12) 1,1-Dichloroethene	3.86	96	68813	52.786	ug/l	100
13) Acrolein	3.73	56	30596	217.784	ug/l	100
14) Allyl chloride	4.48	41	108443	42.177	ug/l	100
15) Acrylonitrile	5.17	53	136161	306.805	ug/l	100
16) Acetone	3.95	43	106559	230.848	ug/l	100
17) Carbon Disulfide	4.19	76	137343	50.179	ug/l	100
18) Methyl Acetate	4.48	43	59445	52.549	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	200768	72.489	ug/l	100
20) Methylene Chloride	4.71	84	81493	53.661	ug/l	100
21) trans-1,2-Dichloroethene	5.21	96	74115	55.473	ug/l	100
22) Diisopropyl ether	6.12	45	232995	45.452	ug/l	100
23) Vinyl Acetate	6.06	43	789178	240.843	ug/l	100
24) 1,1-Dichloroethane	6.02	63	136286	48.623	ug/l	100
25) 2-Butanone	6.99	43	170038	269.389	ug/l	100
26) 2,2-Dichloropropane	6.98	77	117664	62.860	ug/l	100
27) cis-1,2-Dichloroethene	6.98	96	96009	60.875	ug/l	100
28) Bromochloromethane	7.34	49	66842	51.181	ug/l	100
29) Tetrahydrofuran	7.35	42	104464	269.375	ug/l	100
30) Chloroform	7.51	83	142249	50.585	ug/l	100
31) Cyclohexane	7.78	56	108860	43.227	ug/l	100
32) 1,1,1-Trichloroethane	7.70	97	117140	51.407	ug/l	100
36) 1,1-Dichloropropene	7.92	75	99617	40.592	ug/l	100
37) Ethyl Acetate	7.08	43	66661	42.192	ug/l	100
38) Carbon Tetrachloride	7.90	117	97421	40.419	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	124821	44.470	ug/l	100
40) Benzene	8.16	78	330607	47.329	ug/l	100
41) Methacrylonitrile	7.32	41	34511	37.278	ug/l	100
42) 1,2-Dichloroethane	8.24	62	81932	34.825	ug/l	100
43) Isopropyl Acetate	8.28	43	127478	42.668	ug/l	100
44) Trichloroethene	8.94	130	84154	46.647	ug/l	100
45) 1,2-Dichloropropane	9.21	63	83158	43.247	ug/l	100
46) Dibromomethane	9.31	93	44226	47.792	ug/l	100
47) Bromodichloromethane	9.49	83	111984	44.878	ug/l	100
48) Methyl methacrylate	9.29	41	57419	40.297	ug/l	100
49) 1,4-Dioxane	9.30	88	19159	1021.584	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	358889	226.767	ug/l	100
52) Toluene	10.24	92	208097	47.637	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	119025	46.122	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	136681	46.703	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	71326	51.071	ug/l	100
56) Ethyl methacrylate	10.51	69	102385	50.260	ug/l	100
57) 1,3-Dichloropropane	10.79	76	118528	46.588	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	281550	258.268	ug/l	100
59) 2-Hexanone	10.83	43	258753	223.819	ug/l	100
60) Dibromochloromethane	10.98	129	76336	47.241	ug/l	100
61) 1,2-Dibromoethane	11.09	107	67159	52.285	ug/l	100
64) Tetrachloroethene	10.71	164	70332	47.209	ug/l	100
65) Chlorobenzene	11.51	112	226971	48.689	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	76630	45.047	ug/l	100
67) Ethyl Benzene	11.59	91	411969	47.550	ug/l	100
68) m/p-Xylenes	11.70	106	312260	98.348	ug/l	100
69) o-Xylene	12.02	106	153835	51.427	ug/l	100
70) Styrene	12.04	104	266301	50.622	ug/l	100
71) Bromoform	12.20	173	46602	48.572	ug/l #	100
73) Isopropylbenzene	12.32	105	399375	51.061	ug/l	100
74) N-amyl acetate	12.14	43	112446	46.221	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	91689	56.497	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	66226m	57.106	ug/l	
77) Bromobenzene	12.60	156	84687	48.086	ug/l	100
78) n-propylbenzene	12.66	91	493968	52.487	ug/l	100
79) 2-Chlorotoluene	12.75	91	272878	50.801	ug/l	100
80) 1,3,5-Trimethylbenzene	12.80	105	336475	51.144	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	36270	64.888	ug/l	100
82) 4-Chlorotoluene	12.85	91	283083	49.823	ug/l	100
83) tert-Butylbenzene	13.07	119	283181	48.943	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	334678	50.303	ug/l	100
85) sec-Butylbenzene	13.25	105	423801	52.200	ug/l	100
86) p-Isopropyltoluene	13.37	119	359507	49.124	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	172158	49.455	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	169260	48.962	ug/l	100
89) n-Butylbenzene	13.69	91	365147	50.912	ug/l	100
90) Hexachloroethane	13.95	117	71328	54.553	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	155285	49.413	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	16980	56.755	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	94893	44.749	ug/l	100
94) Hexachlorobutadiene	15.10	225	46869	33.310	ug/l	100
95) Naphthalene	15.23	128	266094	62.926	ug/l	100
96) 1,2,3-Trichlorobenzene	15.41	180	90334	47.881	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

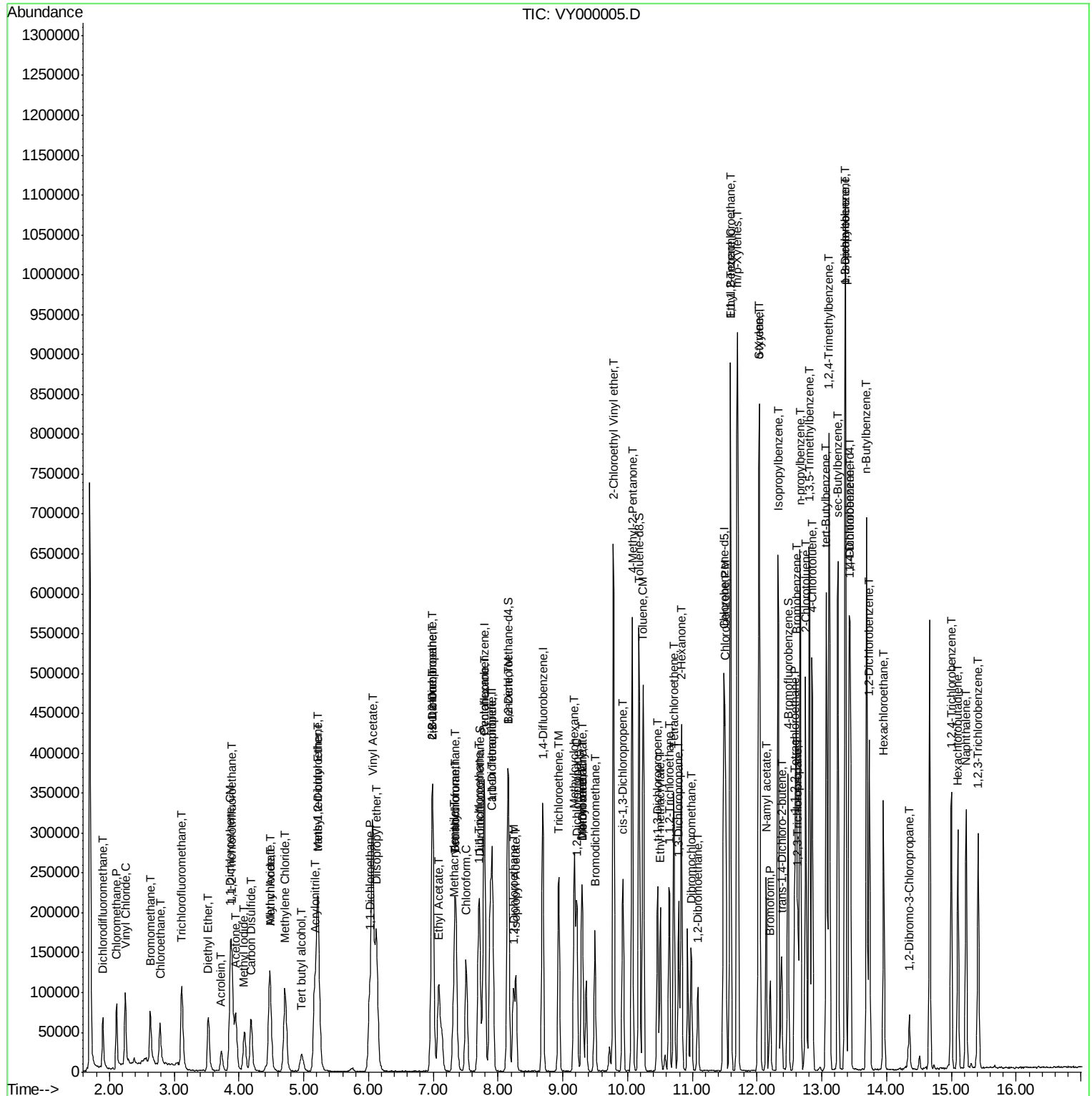
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091119\
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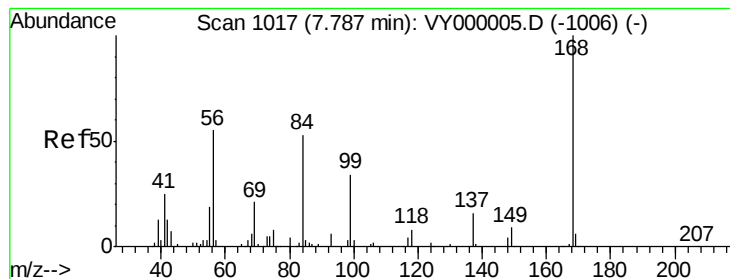
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 156778

Ion Ratio Lower Upper

168 100

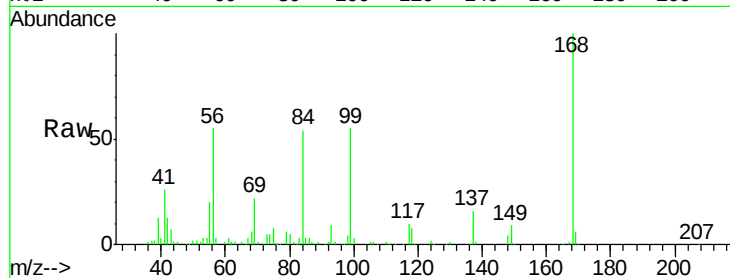
99 55.2 44.2 66.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.79

80000

60000

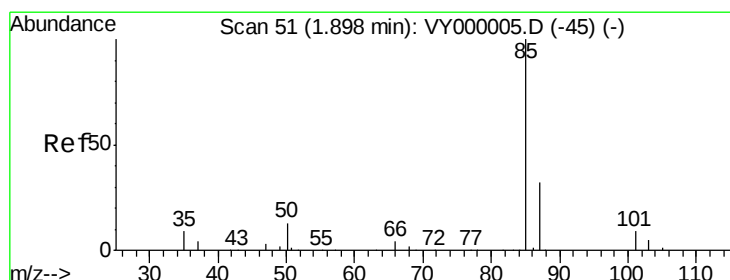
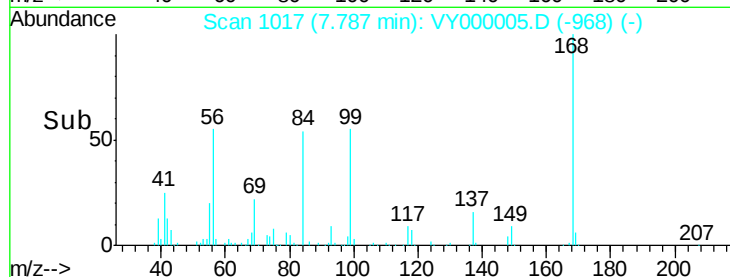
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 59.212 ug/l

RT: 1.90 min Scan# 51

Delta R.T. 0.00 min

Lab File: VY000005.D

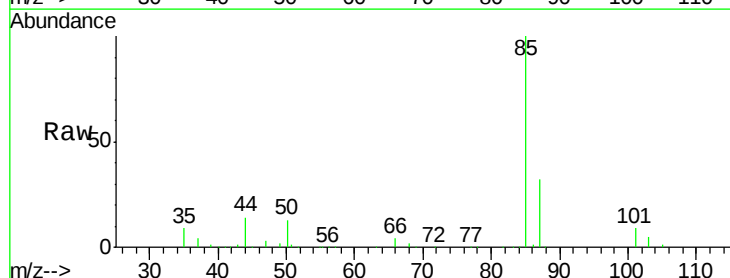
Acq: 11 Sep 2019 17:39

Tgt Ion: 85 Resp: 52273

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

30000

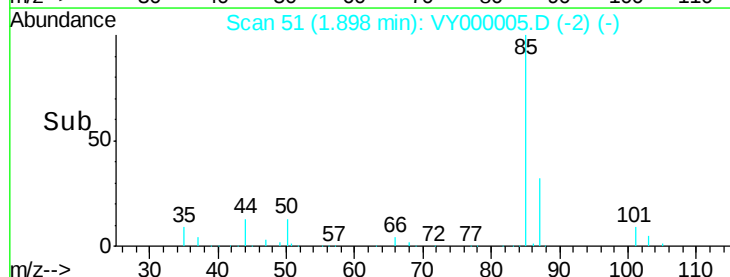
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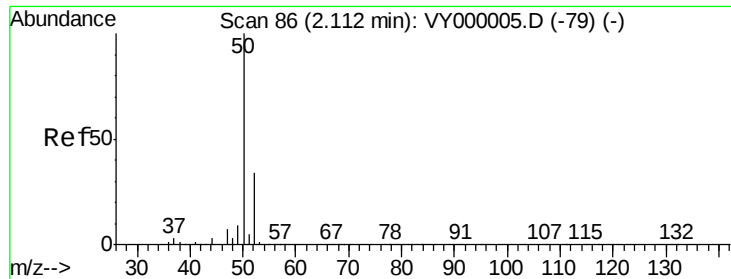
10000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 67.606 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 75304

Ion Ratio Lower Upper

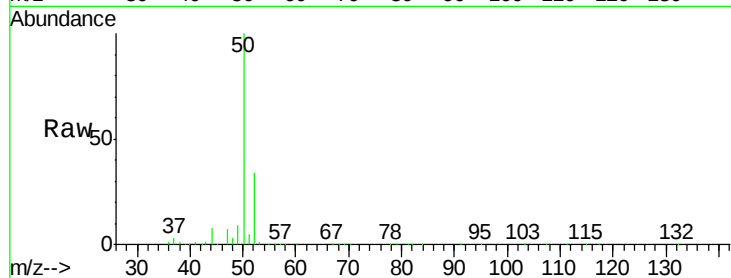
50 100

52 33.5 26.8 40.2

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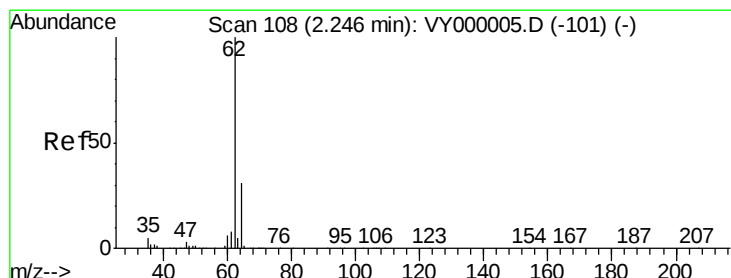
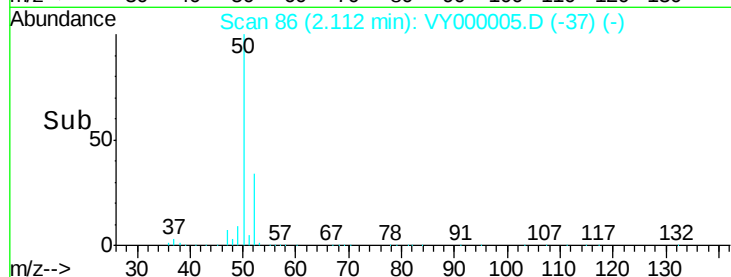
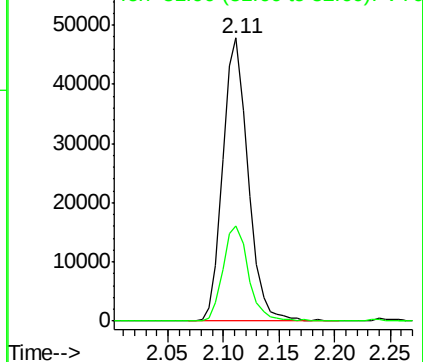
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 63.814 ug/l

RT: 2.25 min Scan# 108

Delta R.T. 0.00 min

Lab File: VY000005.D

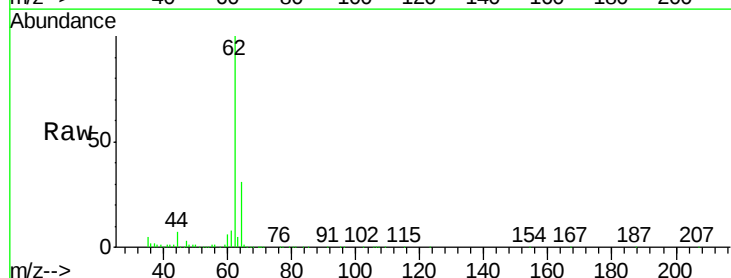
Acq: 11 Sep 2019 17:39

Tgt Ion: 62 Resp: 85330

Ion Ratio Lower Upper

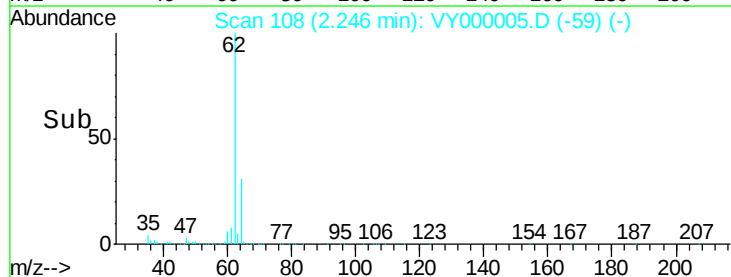
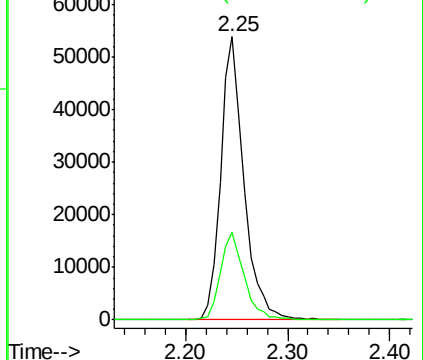
62 100

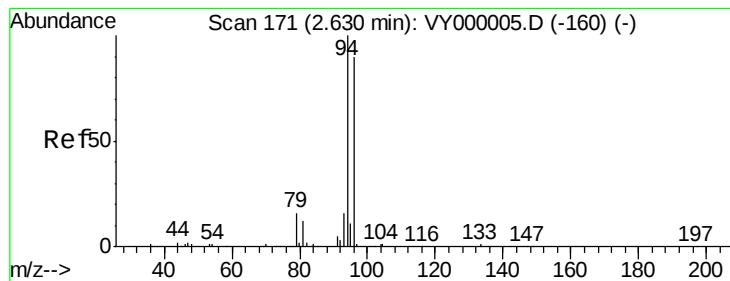
64 30.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 67.690 ug/l

RT: 2.63 min Scan# 171

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 49547

Ion Ratio Lower Upper

94 100

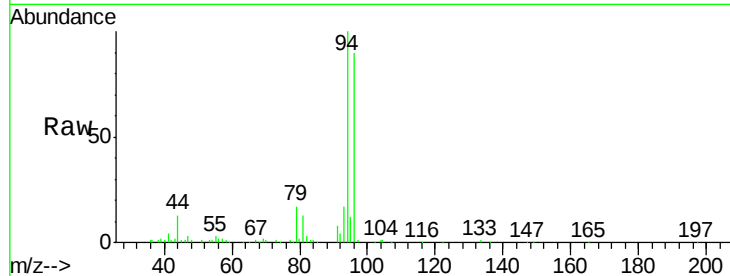
96 89.5 71.6 107.4

Manual Integrations

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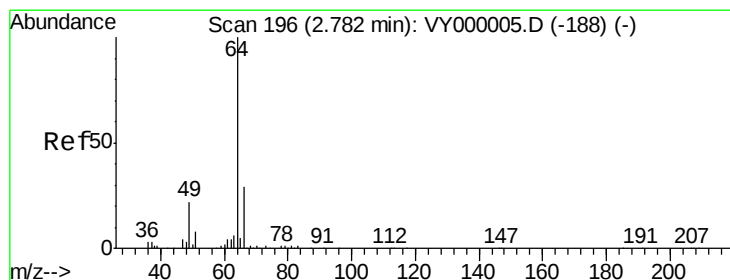
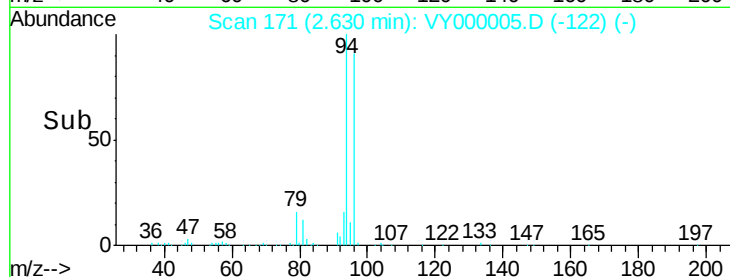
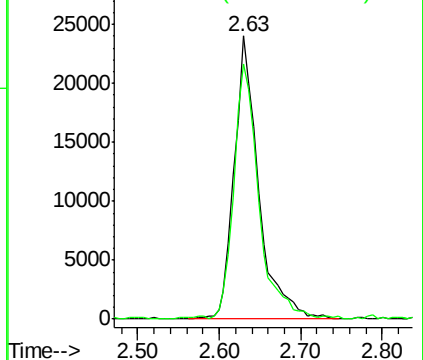
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 69.104 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VY000005.D

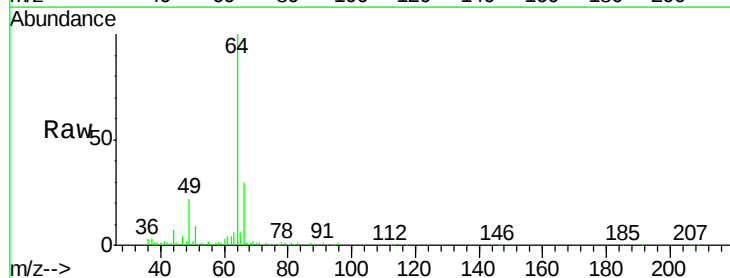
Acq: 11 Sep 2019 17:39

Tgt Ion: 64 Resp: 56088

Ion Ratio Lower Upper

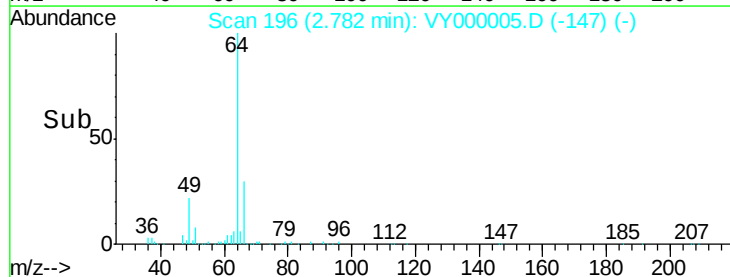
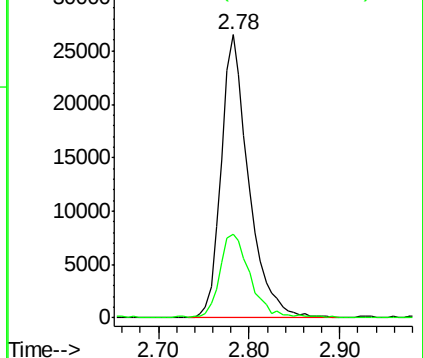
64 100

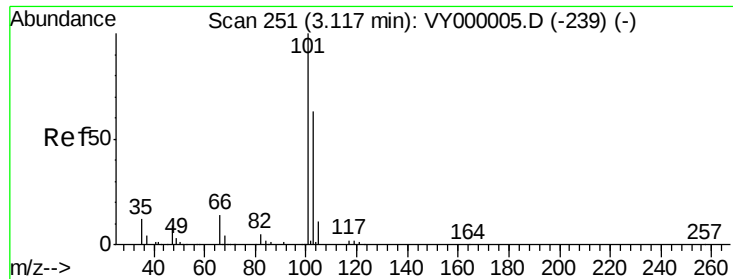
66 29.4 23.5 35.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

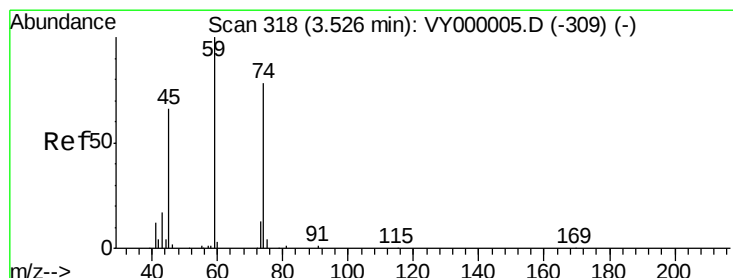
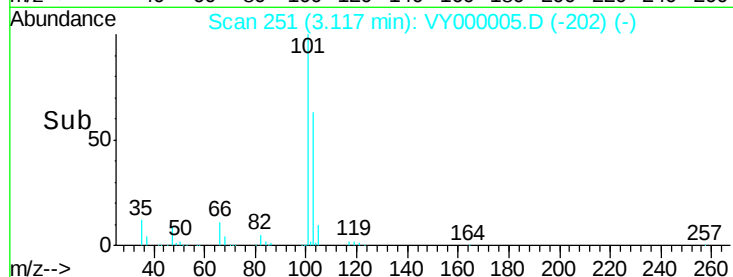
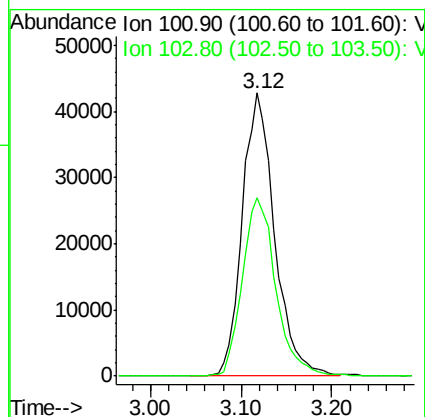
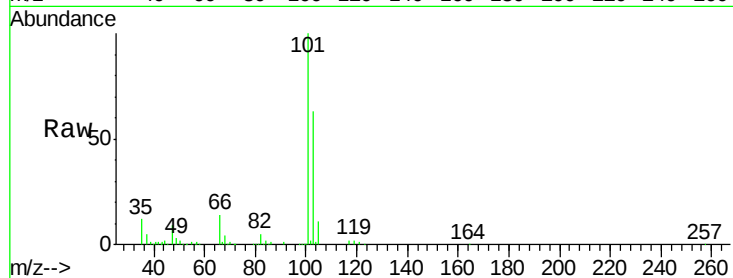
Trichlorofluoromethane
Concen: 98.635 ug/l
RT: 3.12 min Scan# 251
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
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ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	105736		
103	62.5	50.0	75.0	

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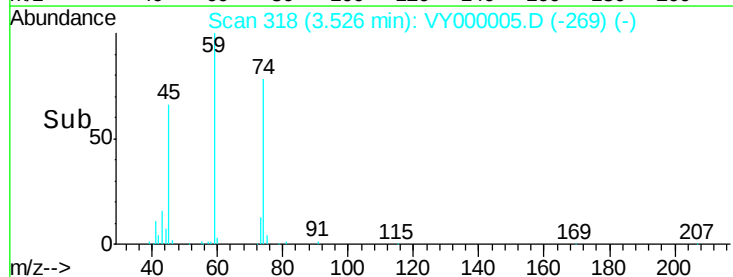
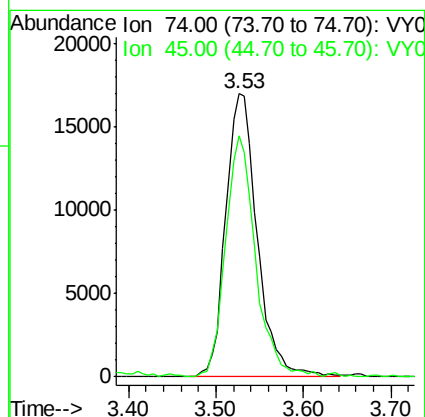
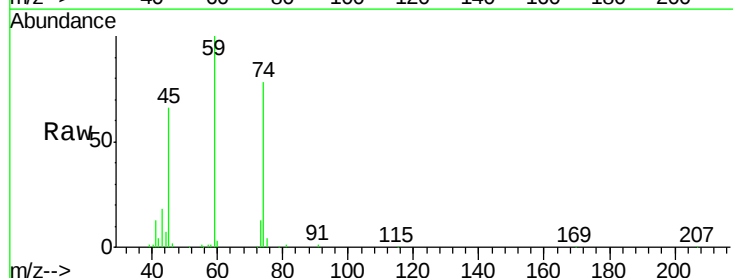
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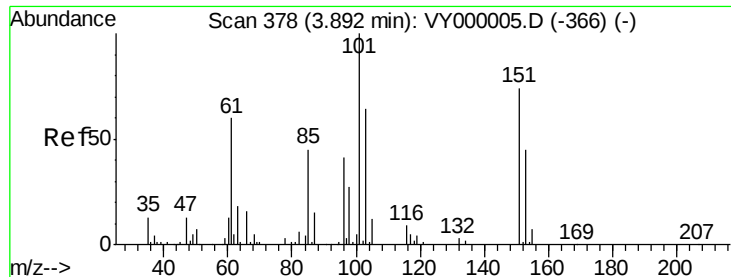


#8

Diethyl Ether
Concen: 56.762 ug/l
RT: 3.53 min Scan# 318
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	42561		
45	80.9	40.5	121.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.122 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

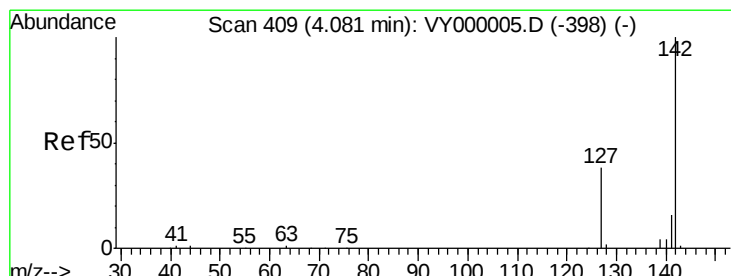
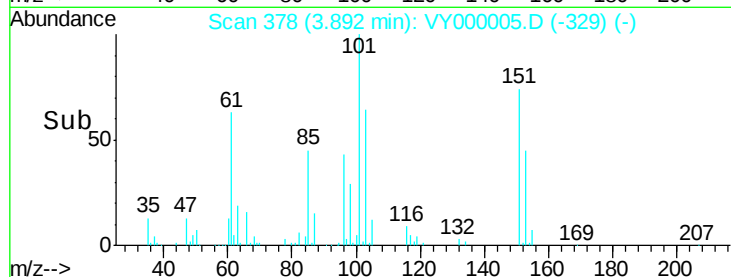
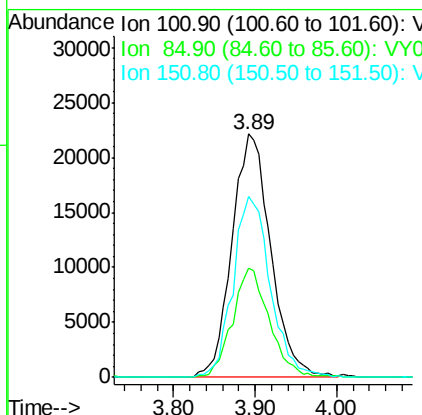
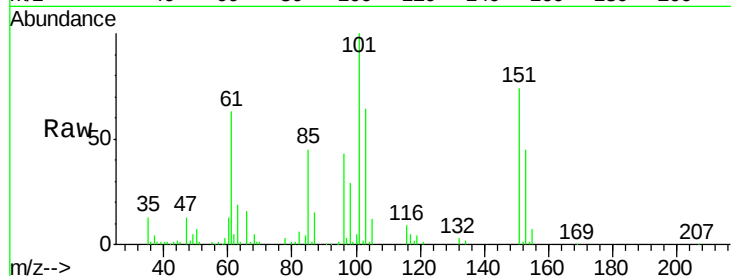
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	72958
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.0	51.0
151	71.6	57.3	85.9

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#10

Methyl Iodide

Concen: 51.439 ug/l

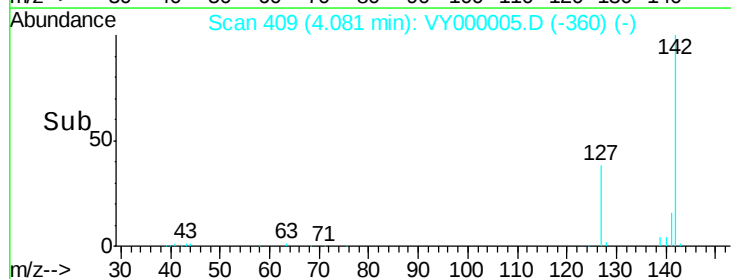
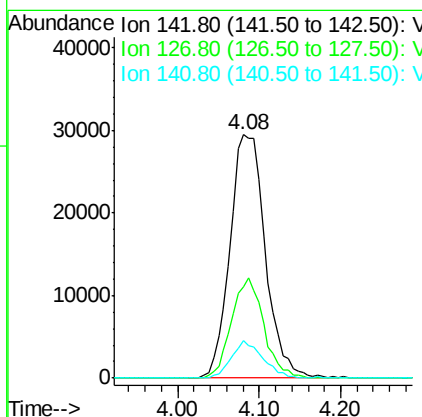
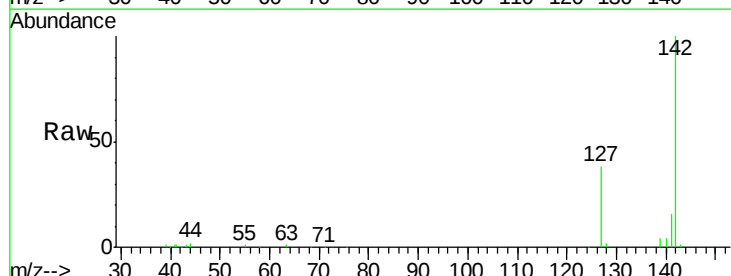
RT: 4.08 min Scan# 409

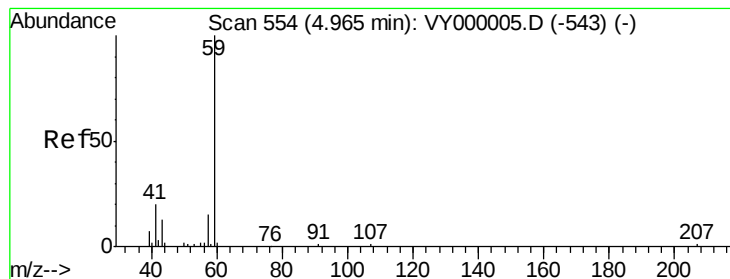
Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Tgt Ion:	142	Resp:	88329
Ion Ratio	Lower	Upper	
142	100		
127	37.5	30.0	45.0
141	13.7	11.0	16.4





#11

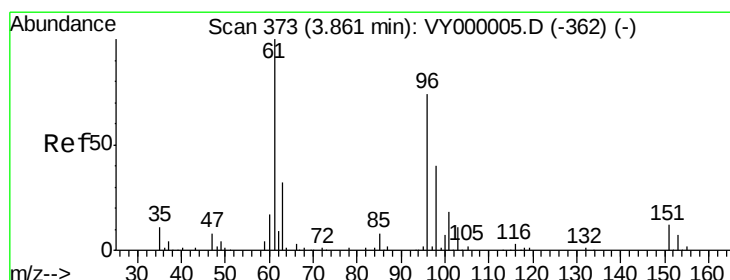
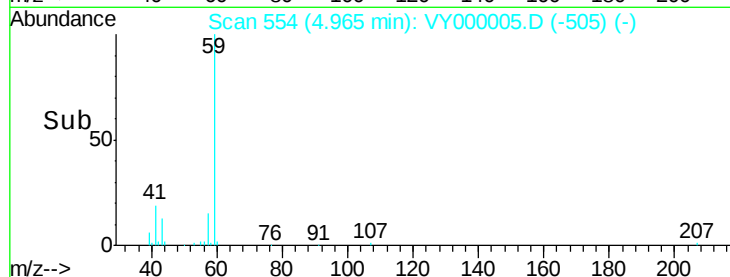
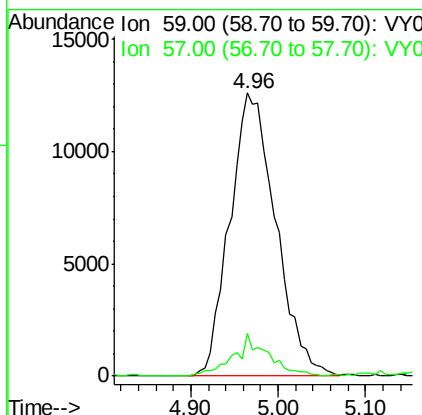
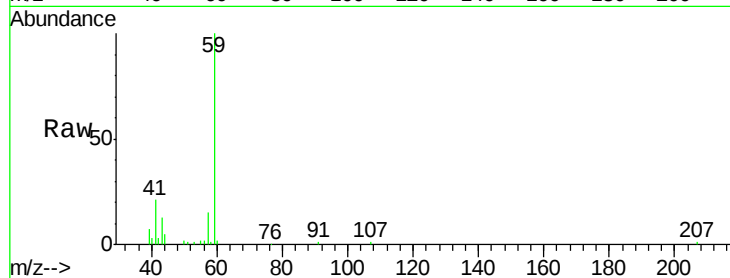
Tert butyl alcohol
 Concen: 324.533 ug/l
 RT: 4.96 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.9	13.3

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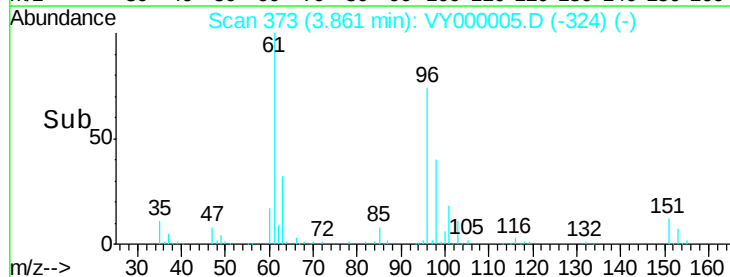
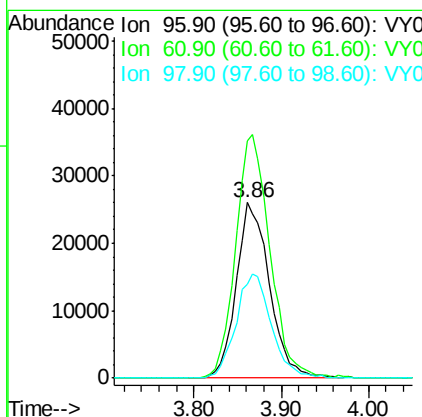
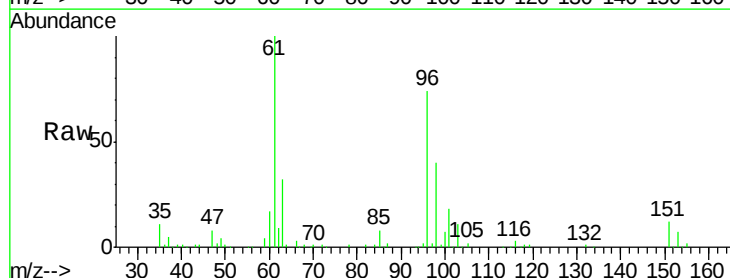
MMDadoda
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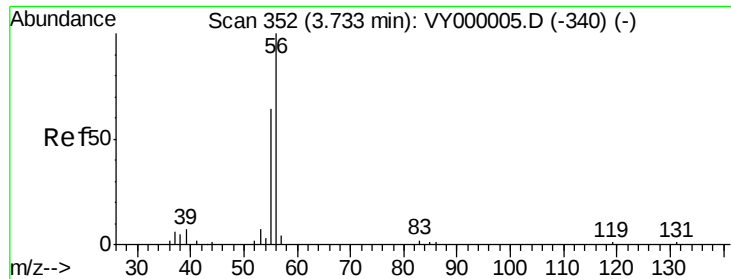


#12

1,1-Dichloroethene
 Concen: 52.786 ug/l
 RT: 3.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.1	108.1	162.1
98	53.5	42.8	64.2





#13

Acrolein

Concen: 217.784 ug/l

RT: 3.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 30596

Ion Ratio Lower Upper

56 100

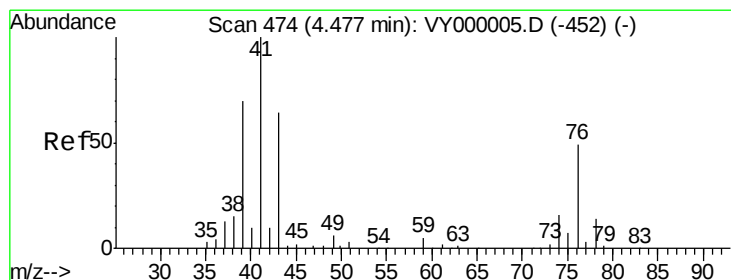
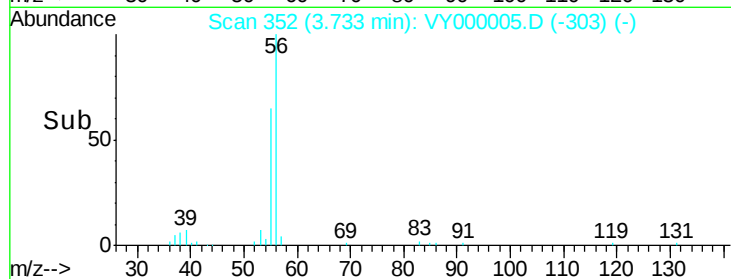
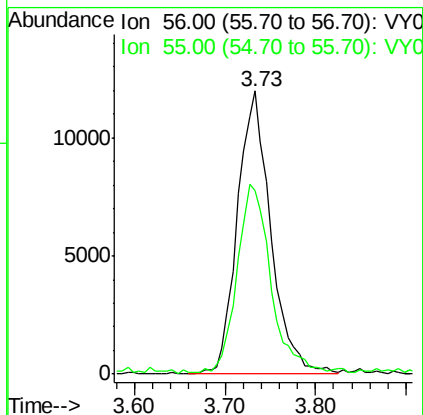
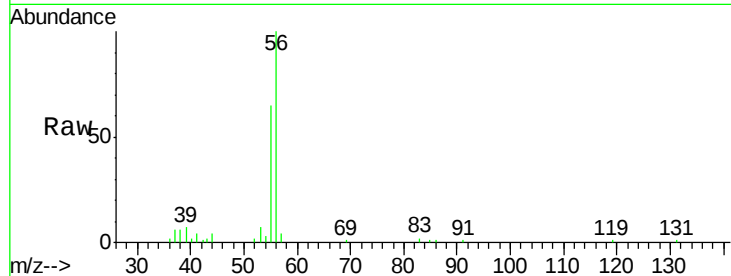
55 66.6 53.3 79.9

Manual Integrations

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#14

Allyl chloride

Concen: 42.177 ug/l

RT: 4.48 min Scan# 474

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

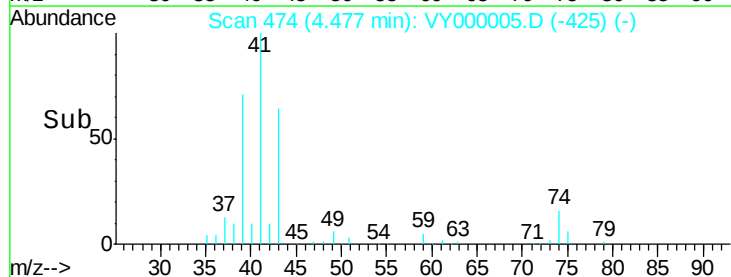
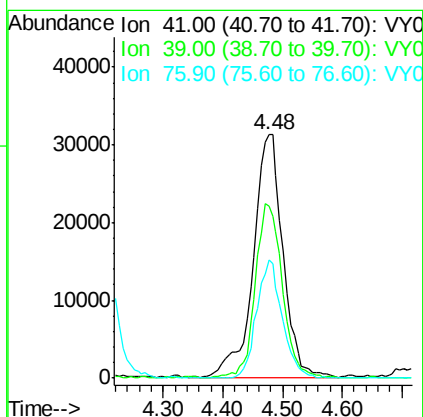
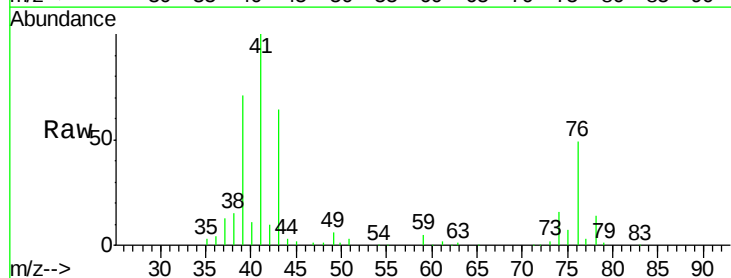
Tgt Ion: 41 Resp: 108443

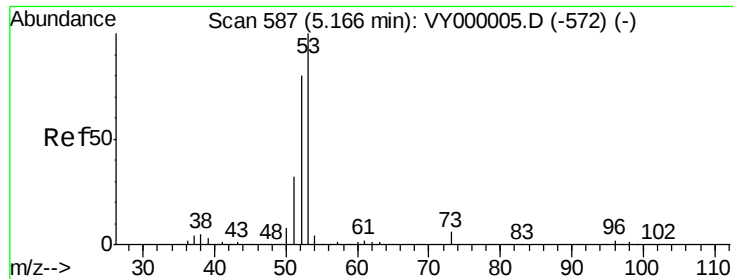
Ion Ratio Lower Upper

41 100

39 65.5 52.4 78.6

76 41.6 33.3 49.9





#15

Acrylonitrile

Concen: 306.805 ug/l

RT: 5.17 min Scan# 587

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

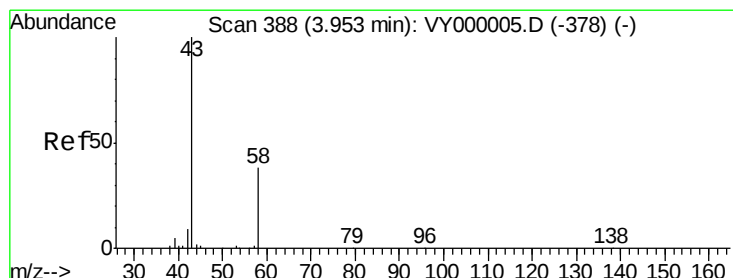
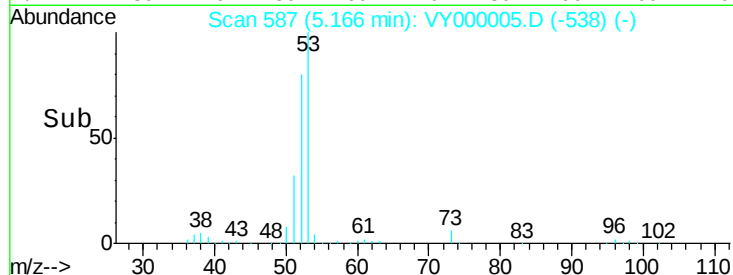
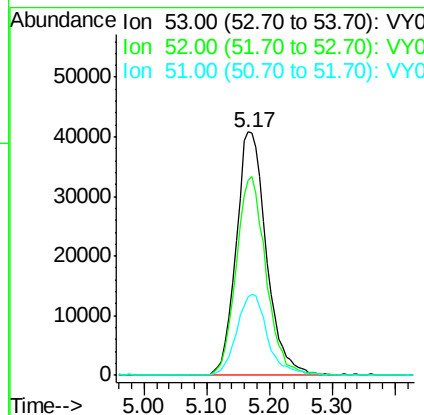
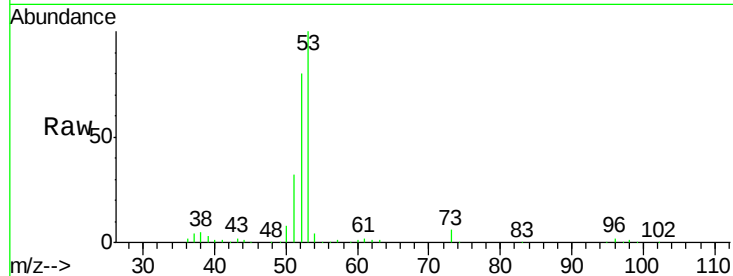
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	136161
Ion Ratio	Lower	Upper	
53	100		
52	80.5	64.4	96.6
51	33.9	27.1	40.7

Manual Integrations
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#16

Acetone

Concen: 230.848 ug/l

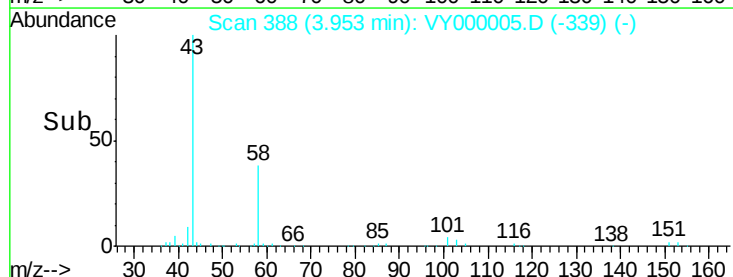
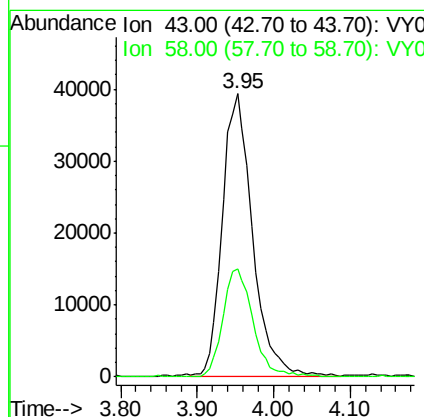
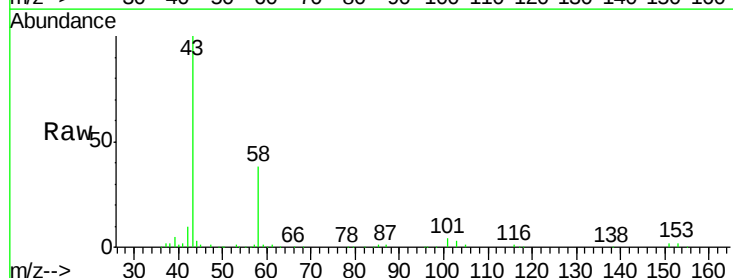
RT: 3.95 min Scan# 388

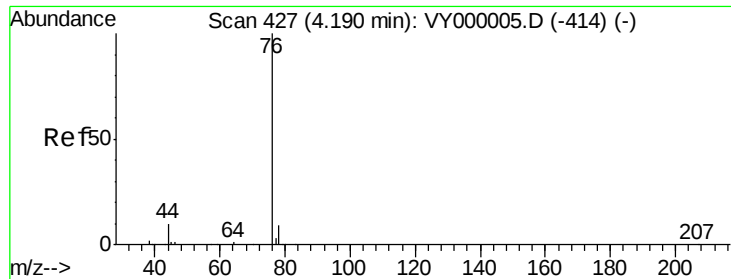
Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Tgt Ion:	43	Resp:	106559
Ion Ratio	Lower	Upper	
43	100		
58	38.1	30.5	45.7





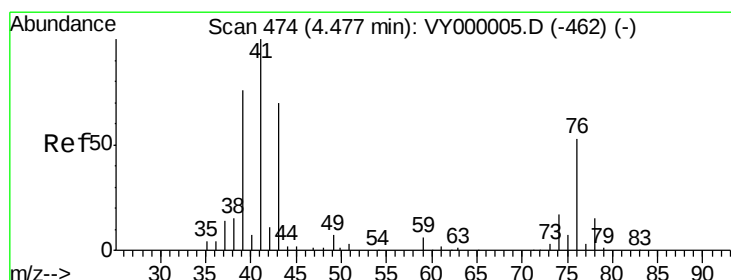
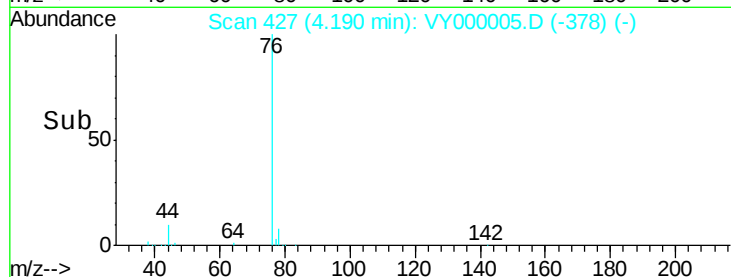
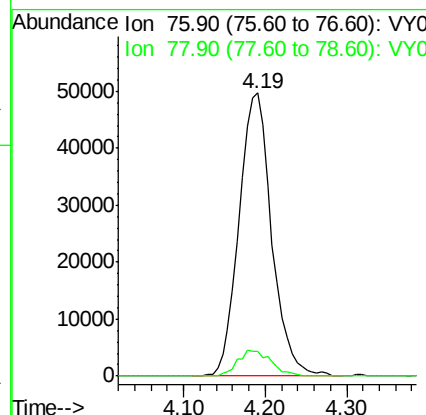
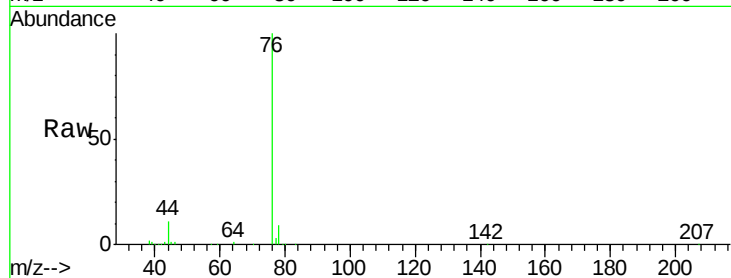
#17
Carbon Disulfide
Concen: 50.179 ug/l
RT: 4.19 min Scan# 427
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

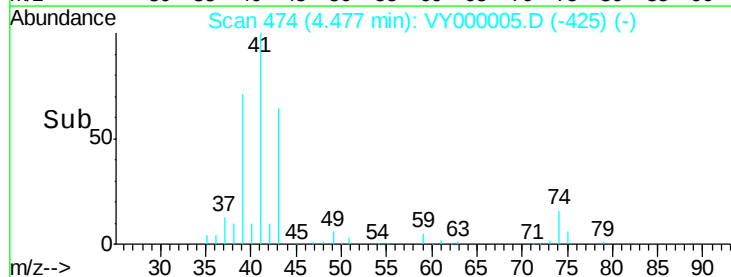
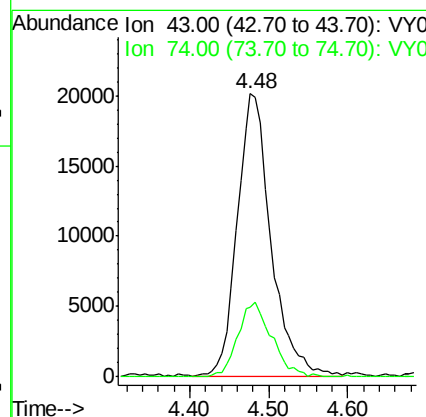
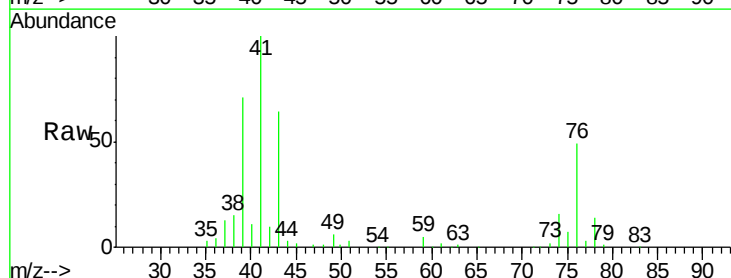
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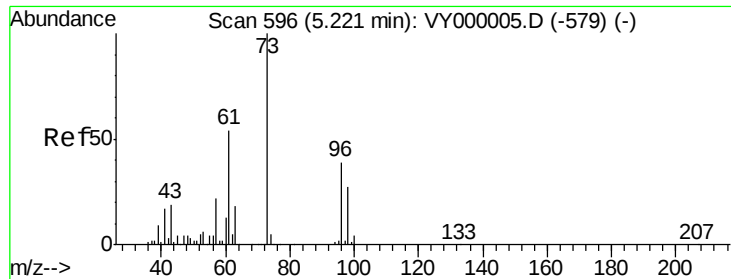
MMDadoda
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#18
Methyl Acetate
Concen: 52.549 ug/l
RT: 4.48 min Scan# 474
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	21.4	32.2





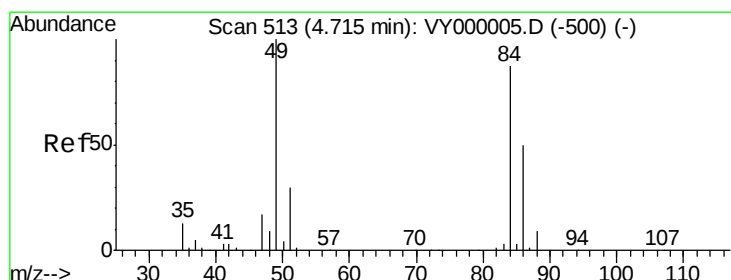
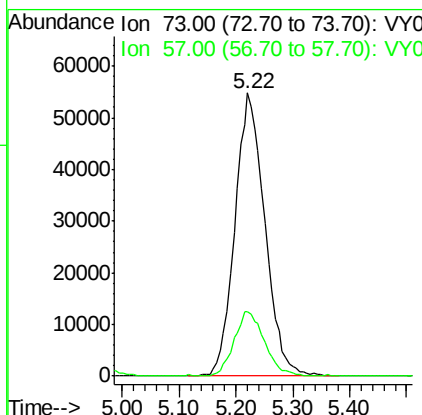
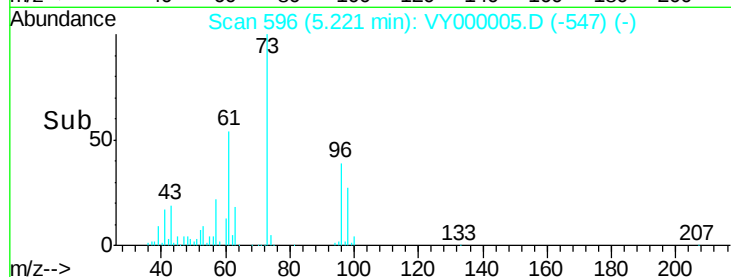
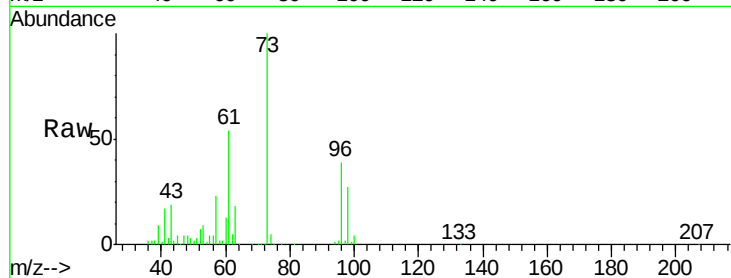
#19
Methvl tert-butvl Ether
Concen: 72.489 ug/l
RT: 5.22 min Scan# 596
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 200768
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4

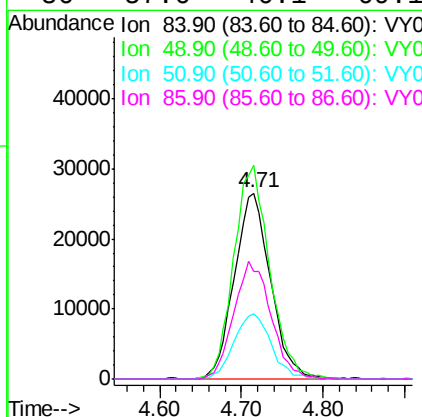
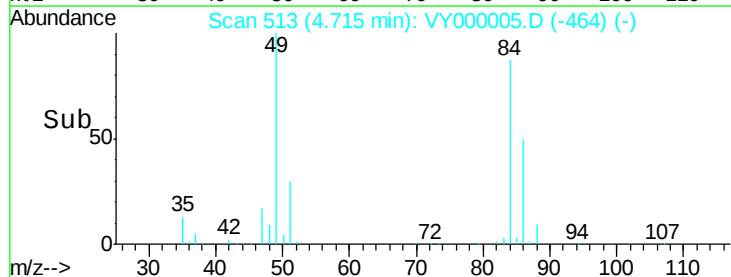
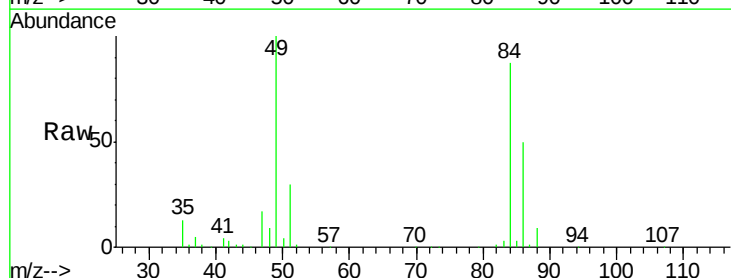
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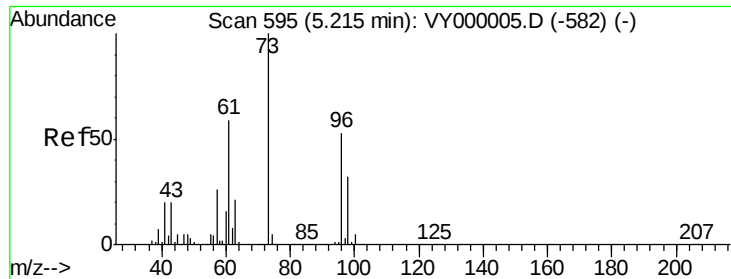
MMDadoda
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#20
Methylene Chloride
Concen: 53.661 ug/l
RT: 4.71 min Scan# 513
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion: 84 Resp: 81493
Ion Ratio Lower Upper
84 100
49 114.6 91.7 137.5
51 35.0 28.0 42.0
86 57.6 46.1 69.1





#21

trans-1,2-Dichloroethene

Concen: 55.473 ug/l

RT: 5.21 min Scan# 595

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

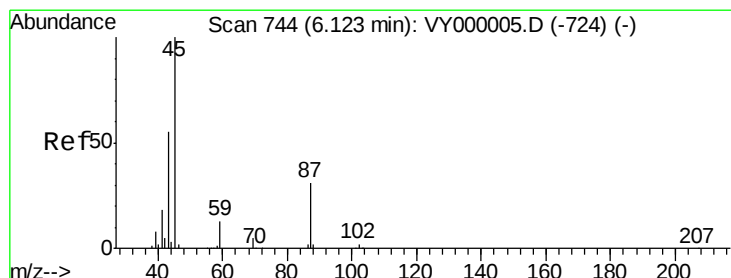
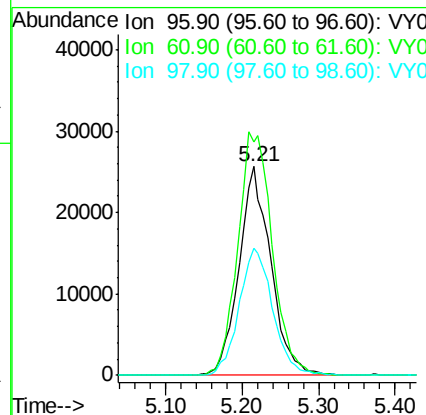
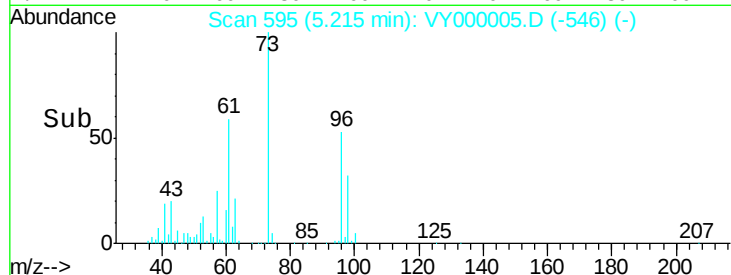
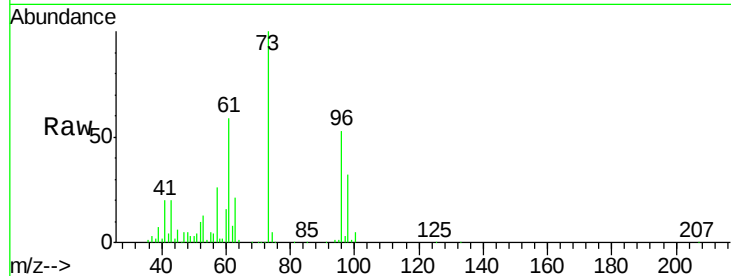
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	74115
Ion	Ratio	Lower	Upper
96	100		
61	111.8	89.4	134.2
98	60.8	48.6	73.0

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#22

Diisopropyl ether

Concen: 45.452 ug/l

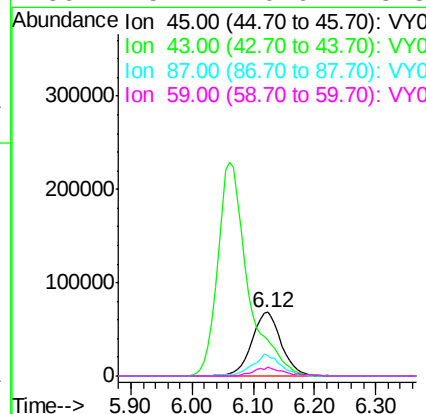
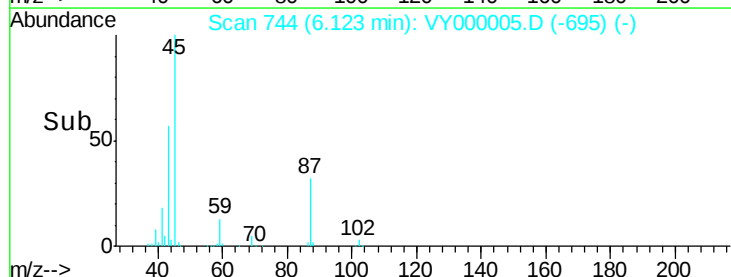
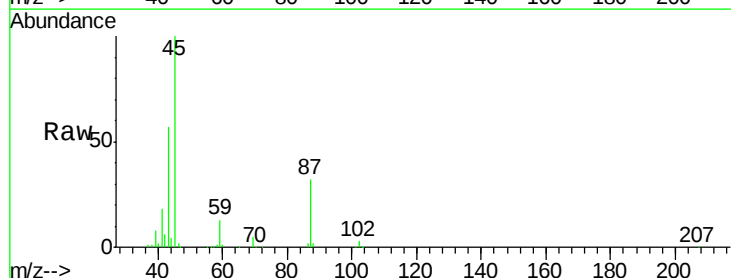
RT: 6.12 min Scan# 744

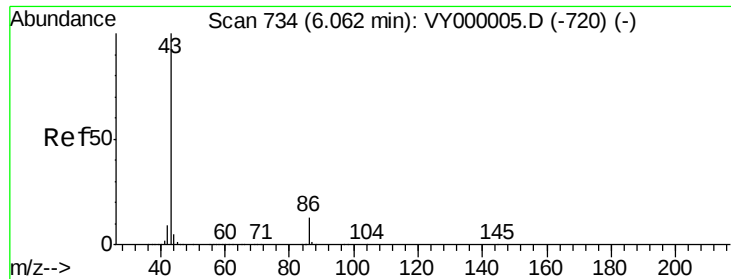
Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Tgt Ion:	45	Resp:	232995
Ion	Ratio	Lower	Upper
45	100		
43	56.5	45.2	67.8
87	31.6	25.3	37.9
59	13.2	10.6	15.8





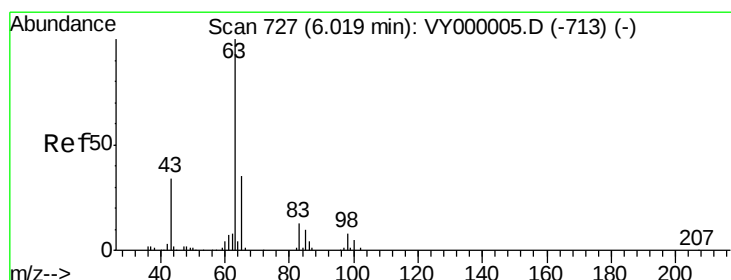
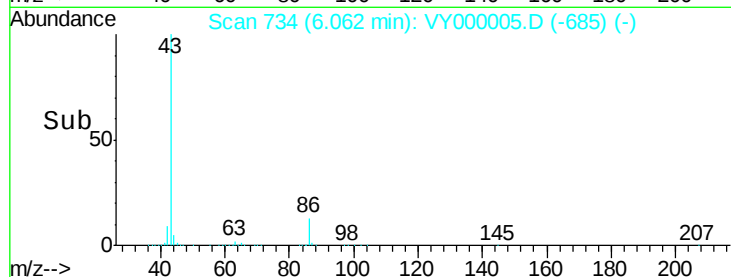
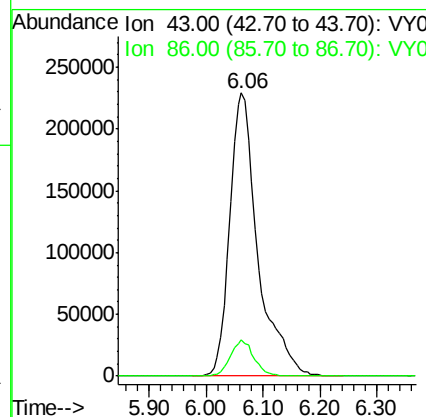
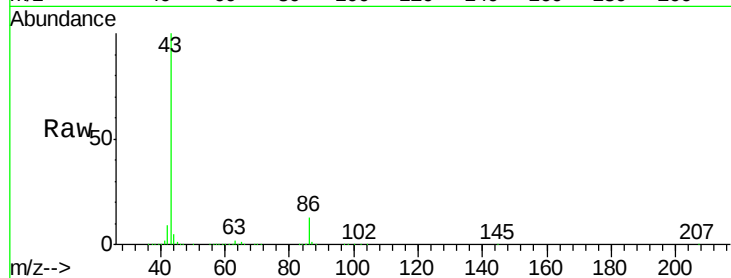
#23
 Vinyl Acetate
 Concen: 240.843 ug/l
 RT: 6.06 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	43	Resp	789178
Ion Ratio	100	Lower	Upper
43	100		
86	12.9	10.3	15.5

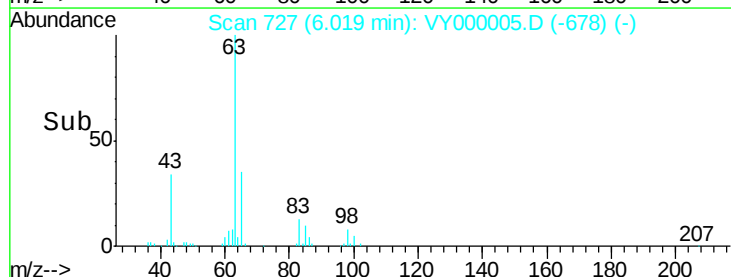
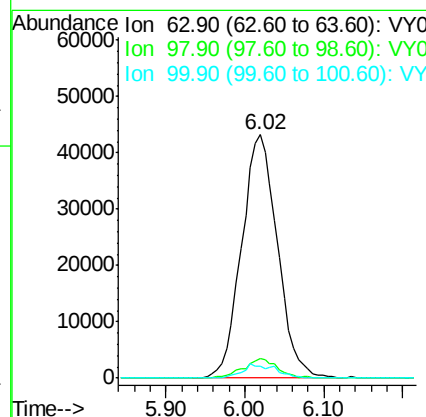
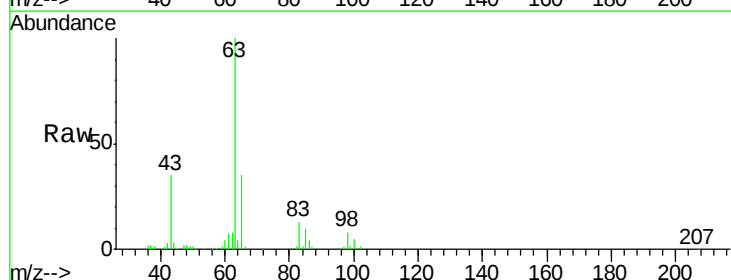
Manual Integrations
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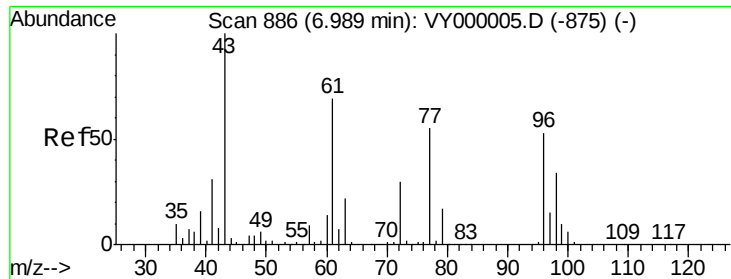
MMDadoda
 9/13/2019 11:51:31 PM



#24
 1,1-Dichloroethane
 Concen: 48.623 ug/l
 RT: 6.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion	63	Resp	136286
Ion Ratio	100	Lower	Upper
63	100		
98	8.0	4.0	12.0
100	5.0	2.5	7.5





#25

2-Butanone

Concen: 269.389 ug/l

RT: 6.99 min Scan# 886

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 170038

Ion Ratio Lower Upper

43 100

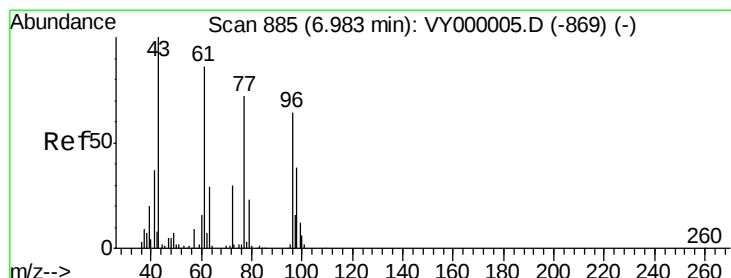
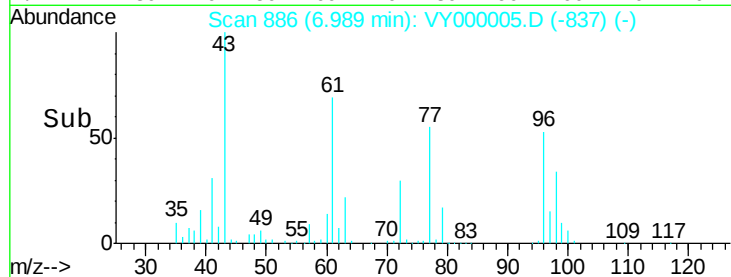
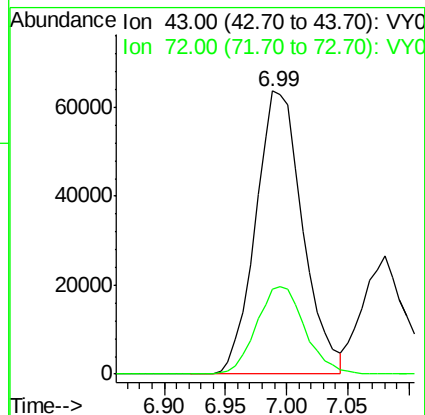
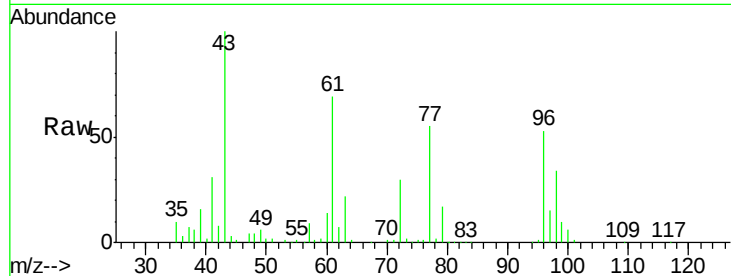
72 30.2 24.2 36.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 62.860 ug/l

RT: 6.98 min Scan# 885

Delta R.T. 0.00 min

Lab File: VY000005.D

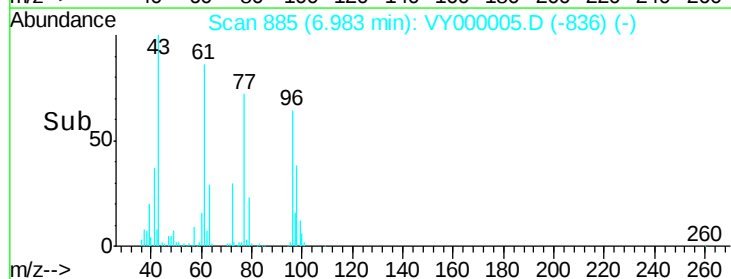
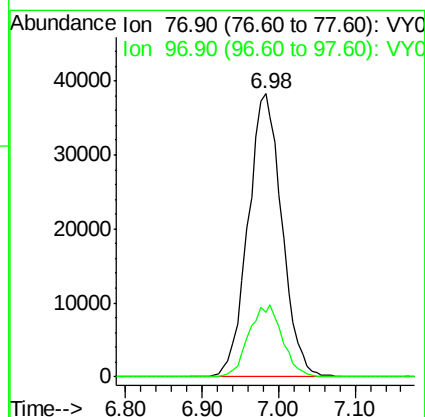
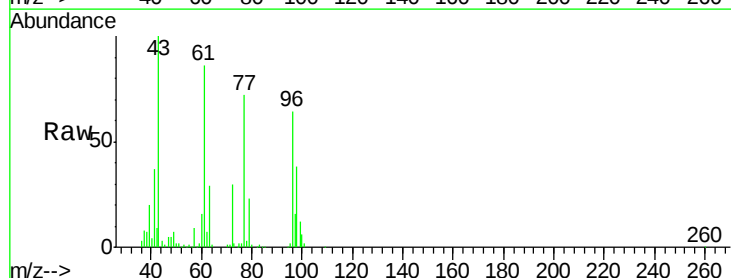
Acq: 11 Sep 2019 17:39

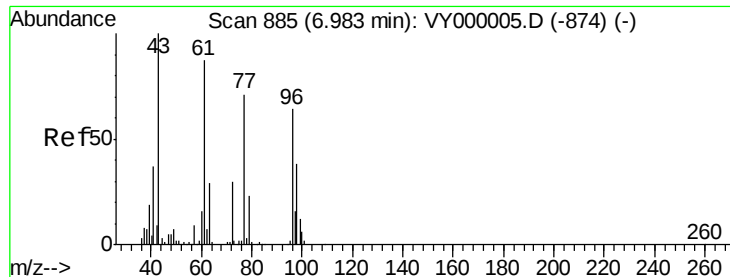
Tgt Ion: 77 Resp: 117664

Ion Ratio Lower Upper

77 100

97 25.1 12.6 37.6





#27

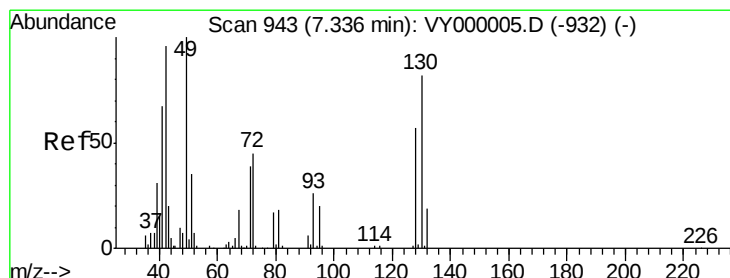
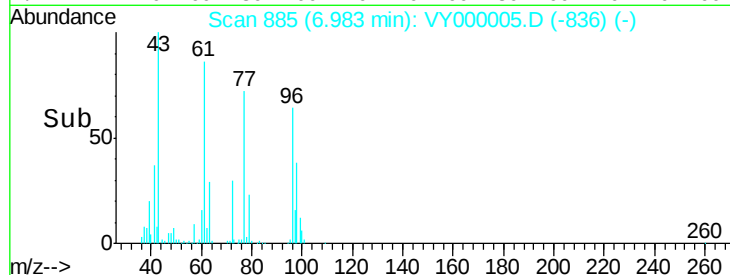
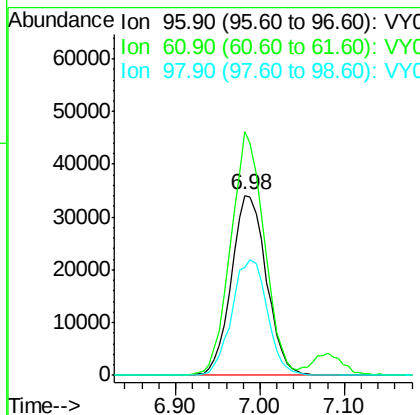
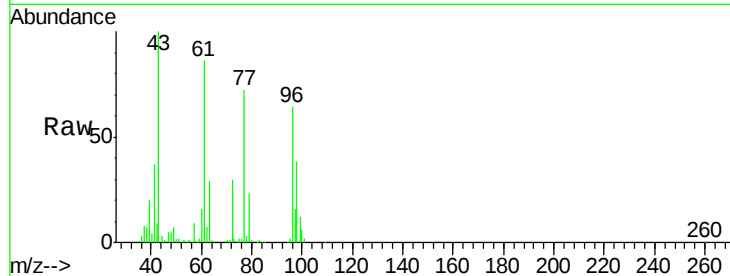
cis-1,2-Dichloroethene
Concen: 60.875 ug/l
RT: 6.98 min Scan# 885
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.5	0.0	259.0
98	64.9	0.0	129.8

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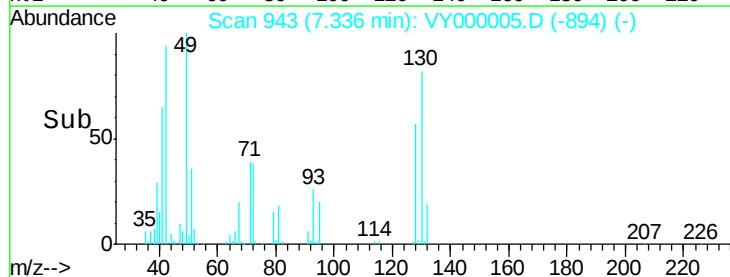
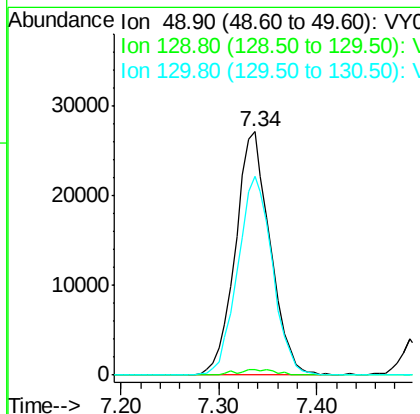
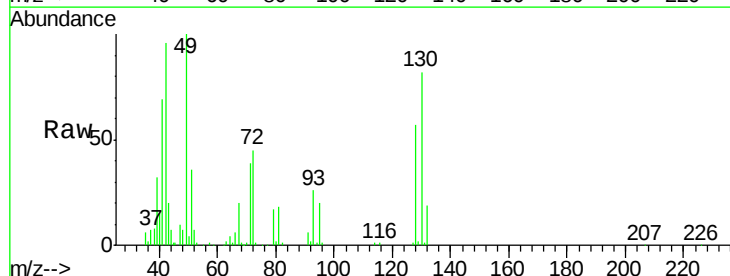
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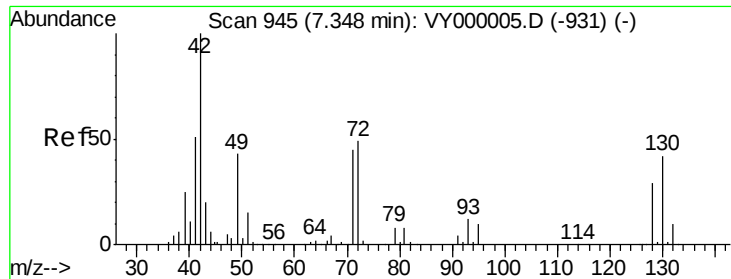


#28

Bromochloromethane
Concen: 51.181 ug/l
RT: 7.34 min Scan# 943
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	81.6	65.3	97.9





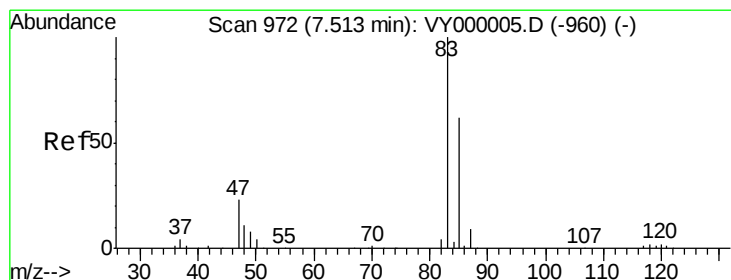
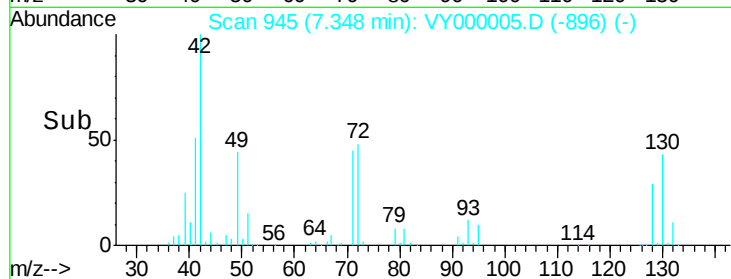
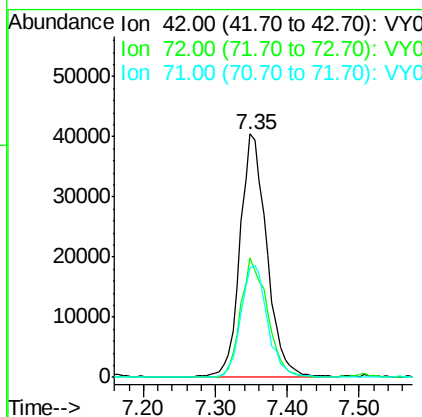
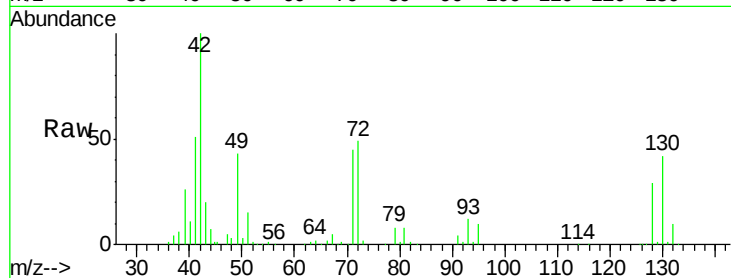
#29
Tetrahydrofuran
Concen: 269.375 ug/l
RT: 7.35 min Scan# 945
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.0	39.2	58.8
71	45.5	36.4	54.6

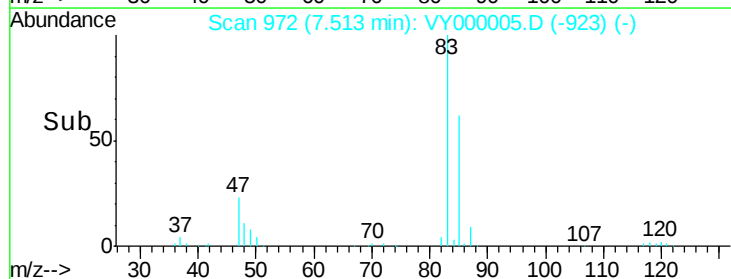
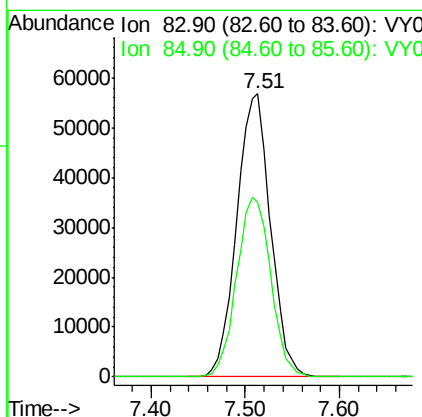
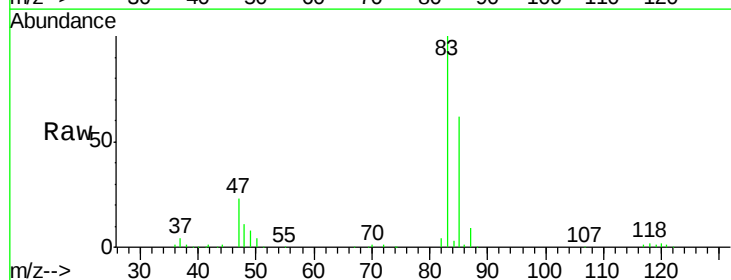
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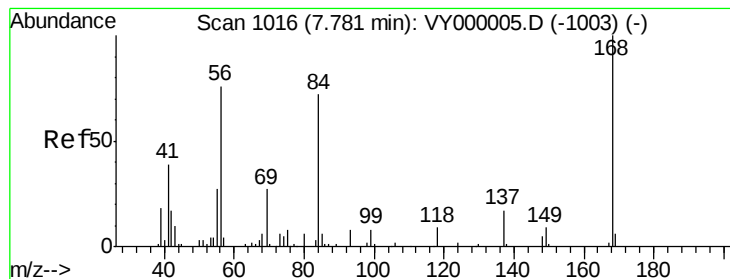
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#30
Chloroform
Concen: 50.585 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.7	49.4	74.0





#31

Cyclohexane

Concen: 43.227 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

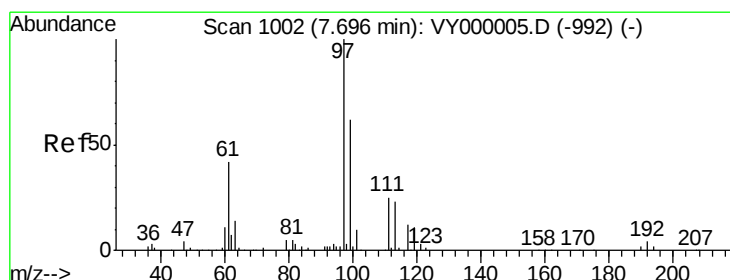
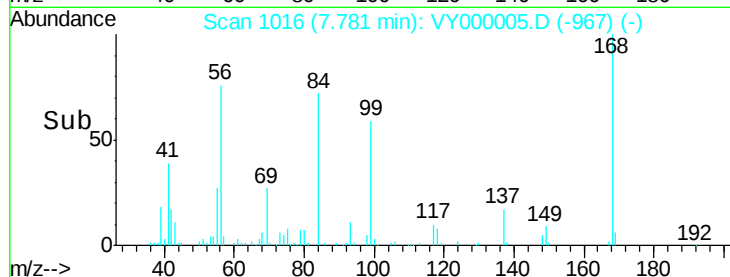
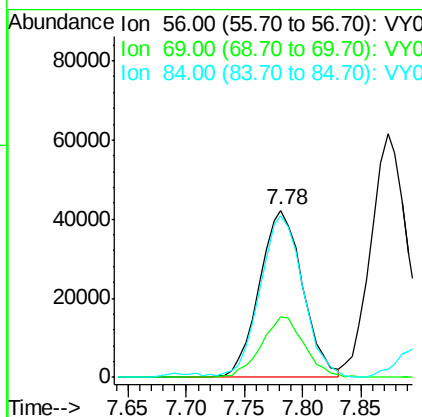
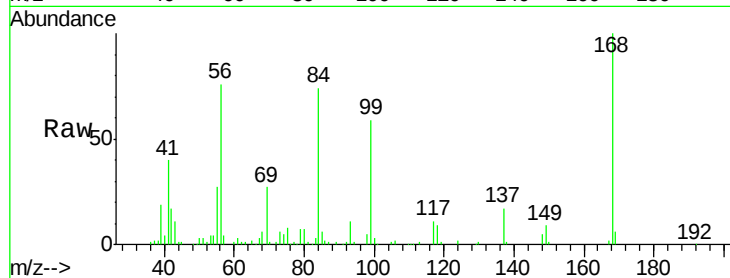
ClientSampleId :

VSTDICCC050

Tot Ion:	56	Resp:	108860
Ion	Ratio	Lower	Upper
56	100		
69	35.6	28.5	42.7
84	95.5	76.4	114.6

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#32

1,1,1-Trichloroethane

Concen: 51.407 ug/l

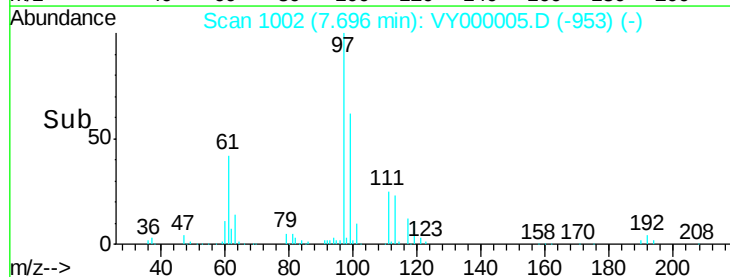
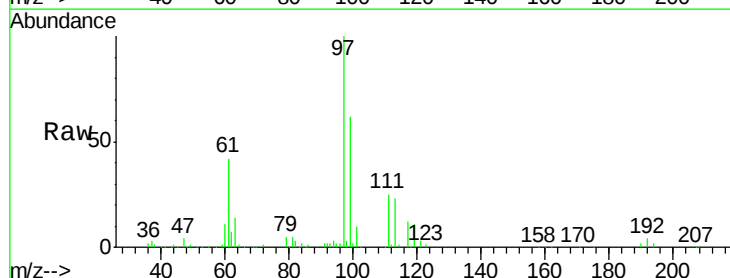
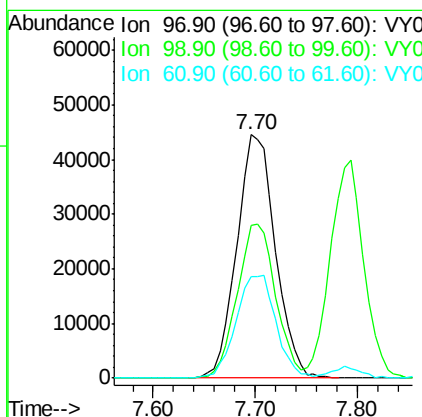
RT: 7.70 min Scan# 1002

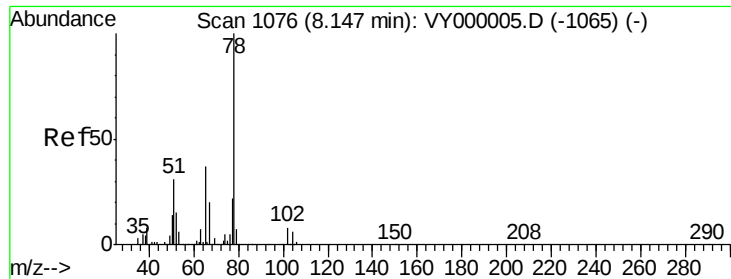
Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Tgt Ion:	97	Resp:	117140
Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.3	75.5
61	43.7	35.0	52.4





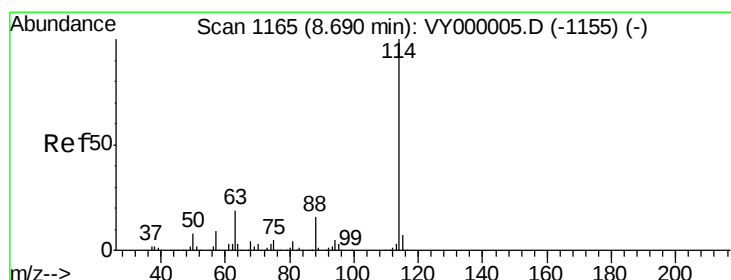
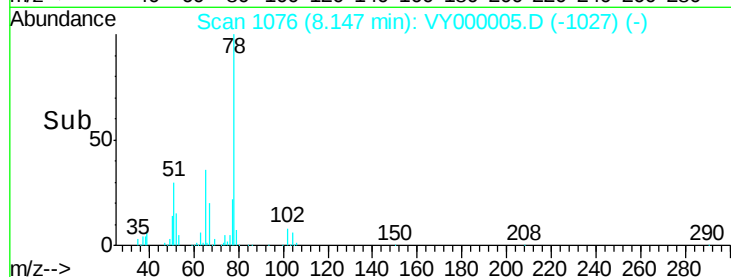
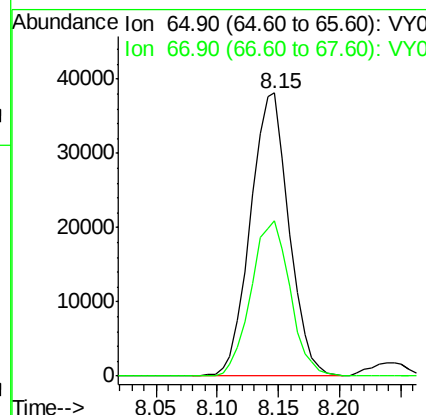
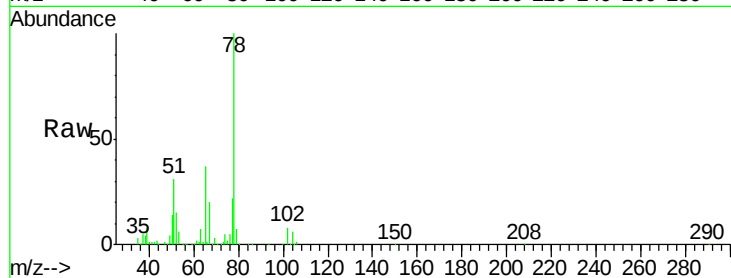
#33
 1,2-Dichloroethane-d4
 Concen: 48.287 ug/l
 RT: 8.15 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.7	0.0	111.4

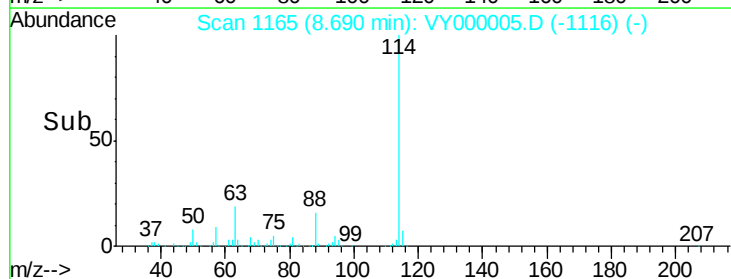
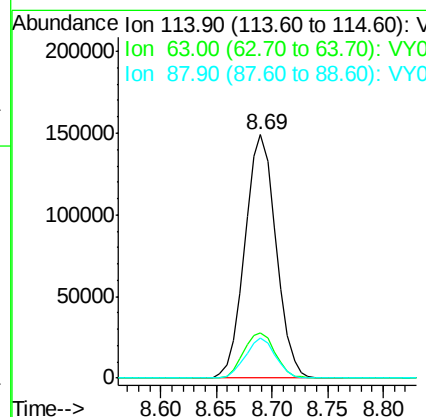
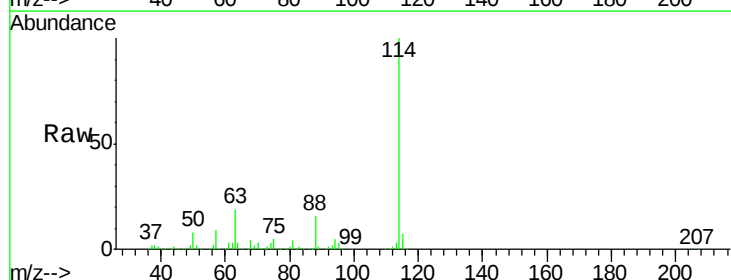
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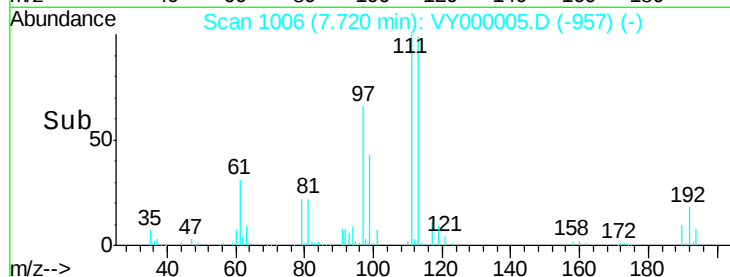
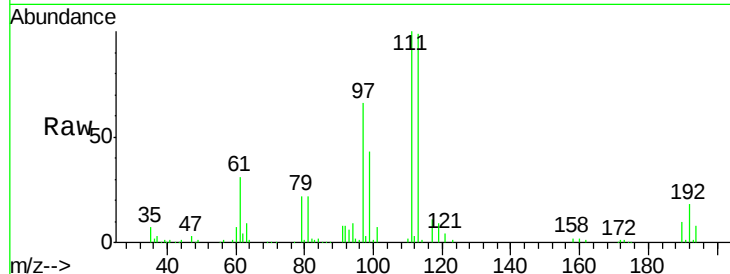
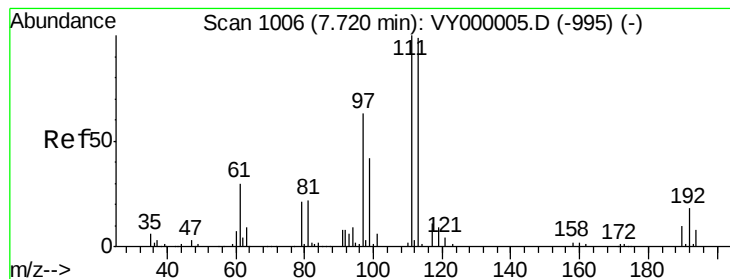
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	37.4
88	16.3	0.0	32.6





#35

Dibromofluoromethane

Concen: 48.384 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Tot Ion:	113	Resp:	82683
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.6	122.4
192	19.0	15.2	22.8

Instrument :

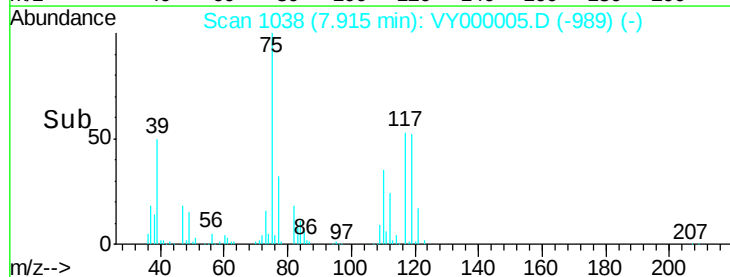
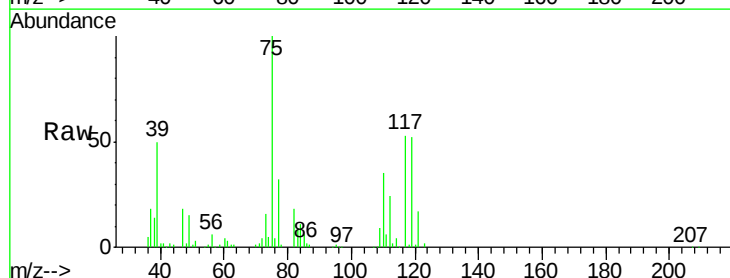
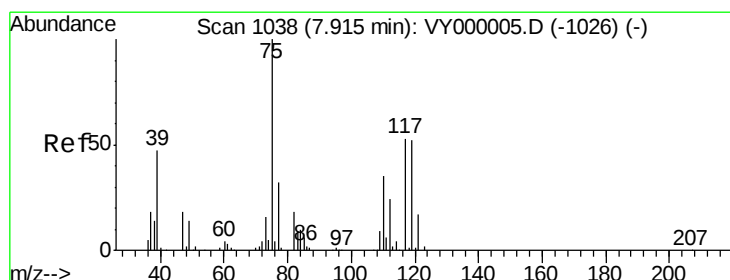
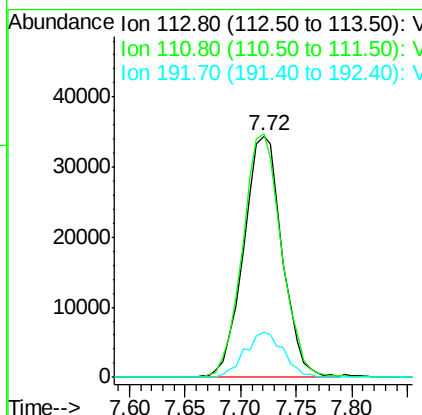
MSVOA_Y

ClientSampleId :

VSTDICCC050

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#36

1,1-Dichloropropene

Concen: 40.592 ug/l

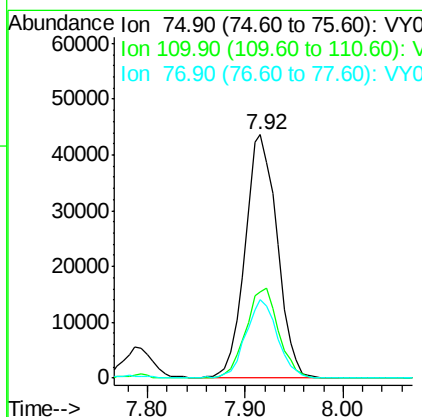
RT: 7.92 min Scan# 1038

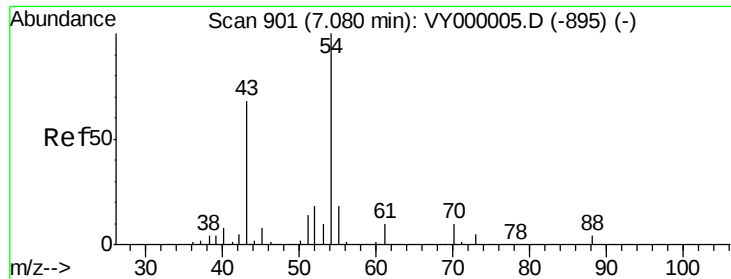
Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Tgt Ion:	75	Resp:	99617
Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.7	56.1
77	32.0	25.6	38.4





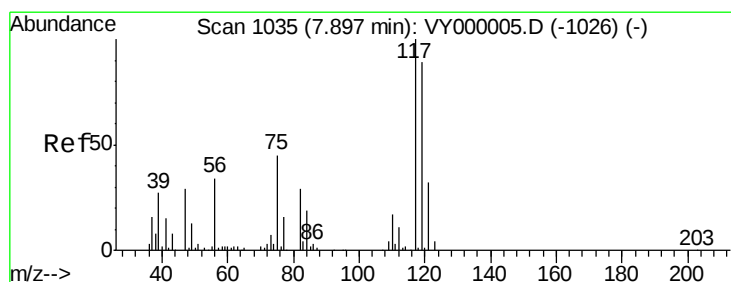
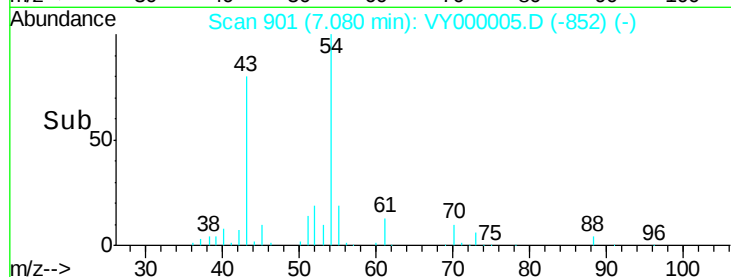
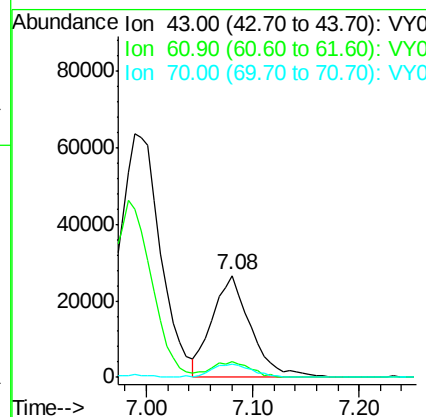
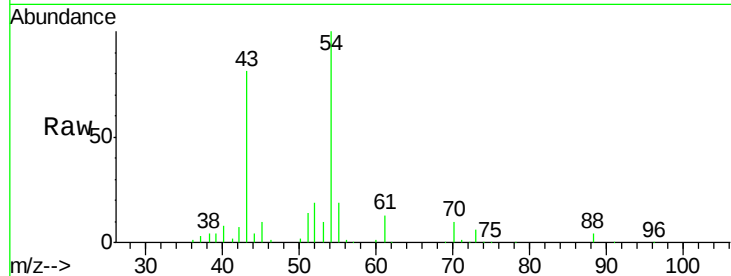
#37
Ethyl Acetate
Concen: 42.192 ug/l
RT: 7.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	13.0	19.4
70	13.7	11.0	16.4

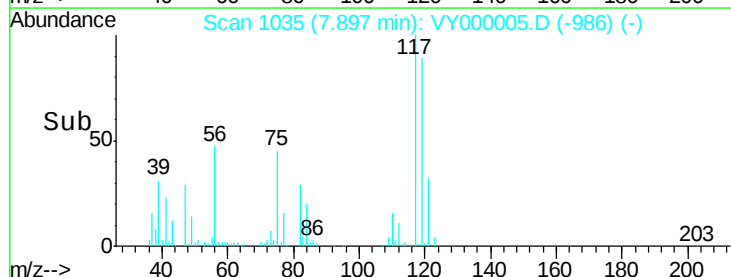
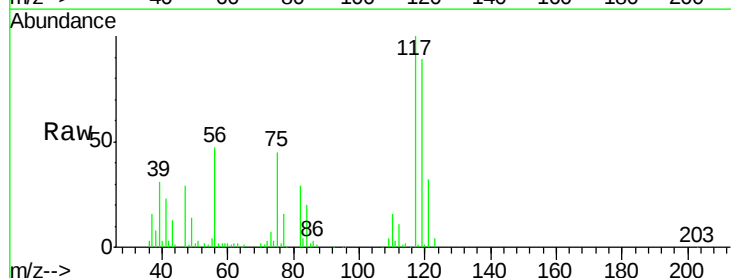
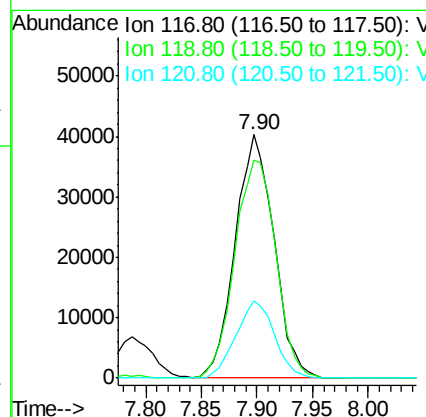
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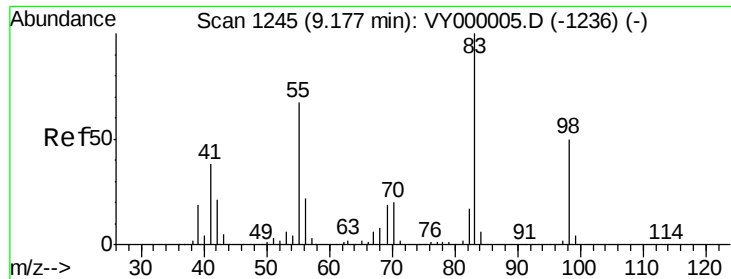
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#38
Carbon Tetrachloride
Concen: 40.419 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.4	71.5	107.3
121	31.6	25.3	37.9





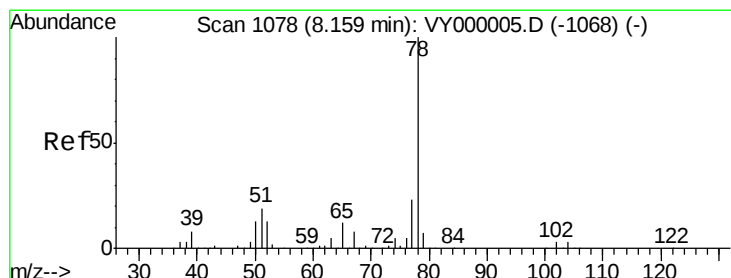
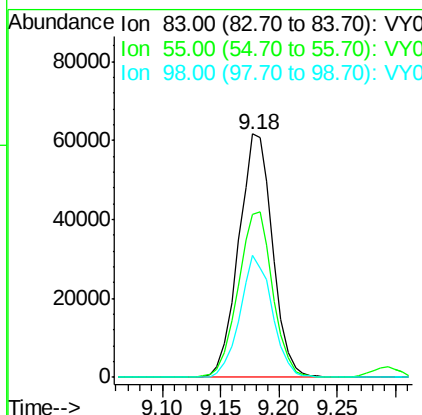
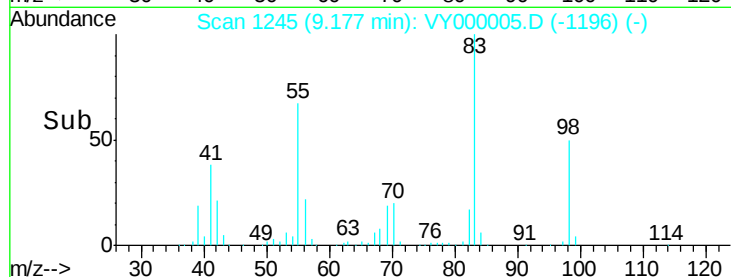
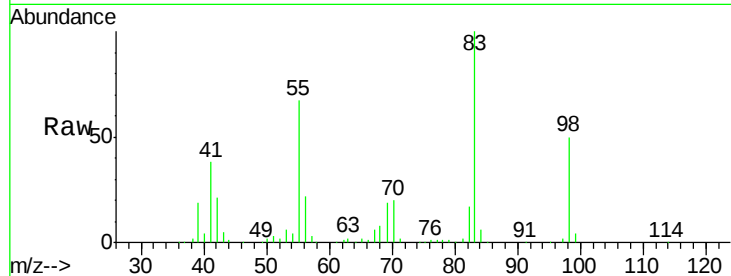
#39
Methvlcvclohexane
Concen: 44.470 ug/l
RT: 9.18 min Scan# 1245
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.2	53.8	80.6
98	50.0	40.0	60.0

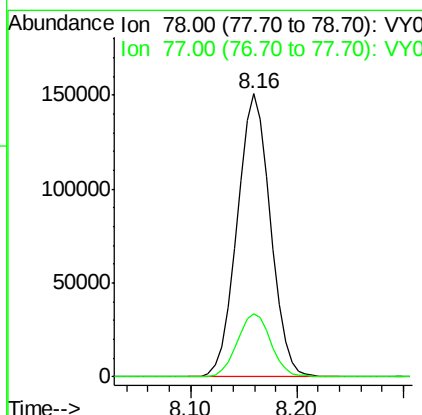
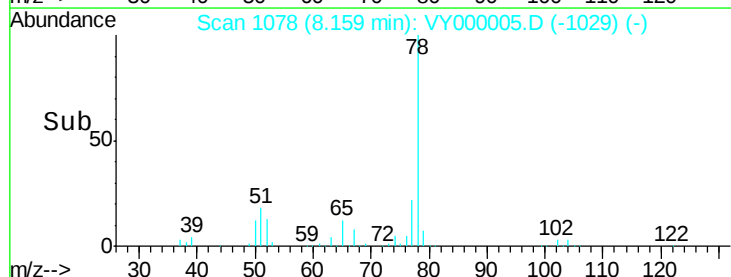
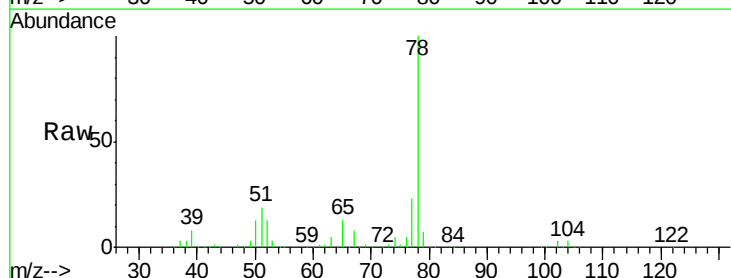
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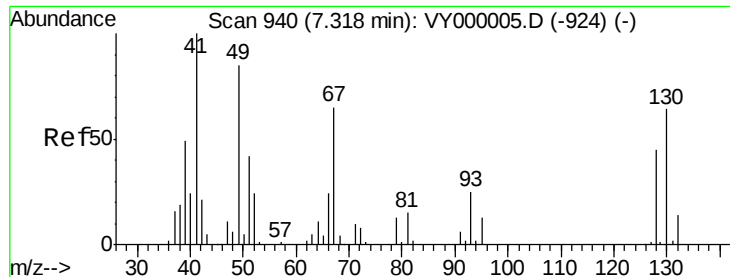
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#40
Benzene
Concen: 47.329 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.0	27.0





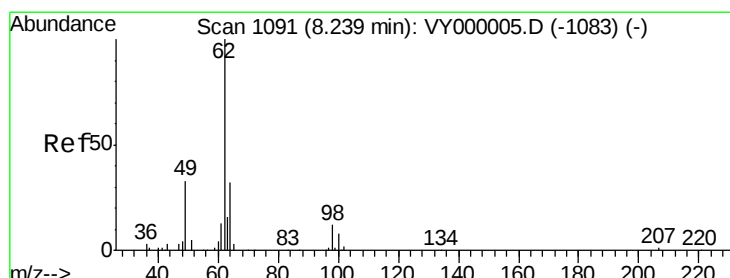
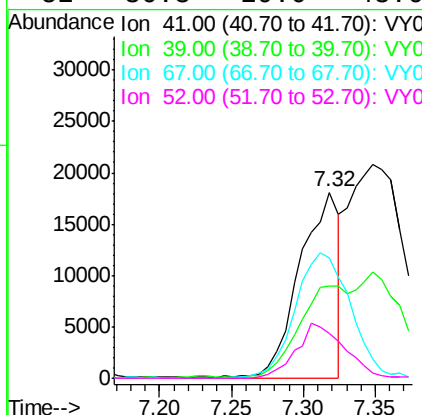
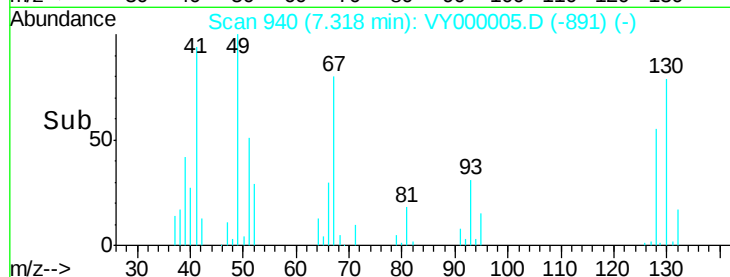
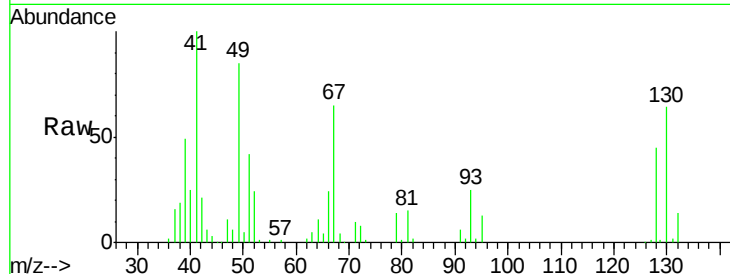
#41
Methacrylonitrile
Concen: 37.278 ug/l
RT: 7.32 min Scan# 940
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:	41	Resp:	34511
Ion	Ratio	Lower	Upper
41	100		
39	60.5	48.4	72.6
67	95.4	76.3	114.5
52	36.3	29.0	43.6

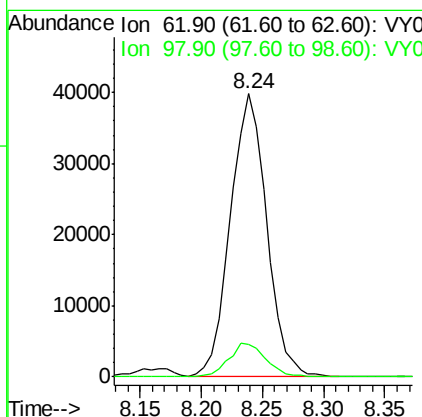
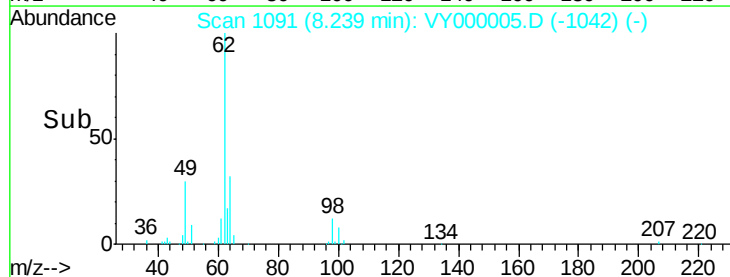
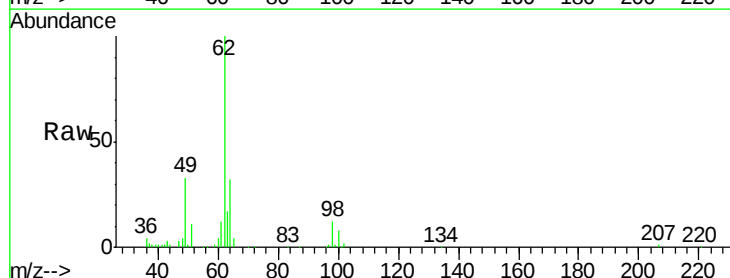
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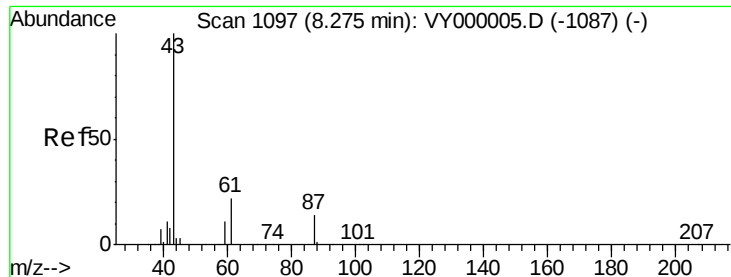
MMDadoda
9/13/2019 11:51:31 PM



#42
1,2-Dichloroethane
Concen: 34.825 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion:	62	Resp:	81932
Ion	Ratio	Lower	Upper
62	100		
98	12.1	0.0	24.2





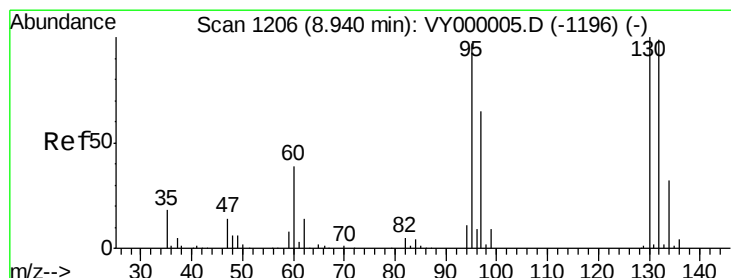
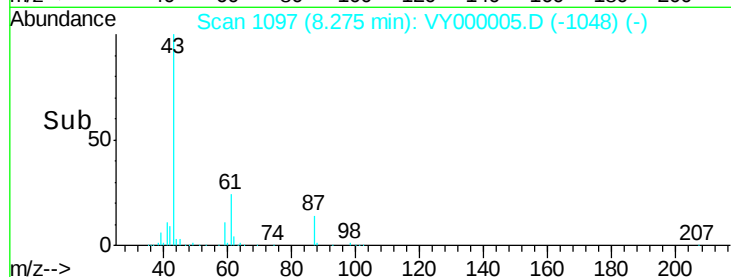
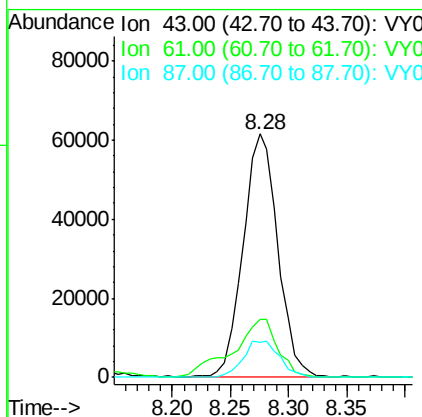
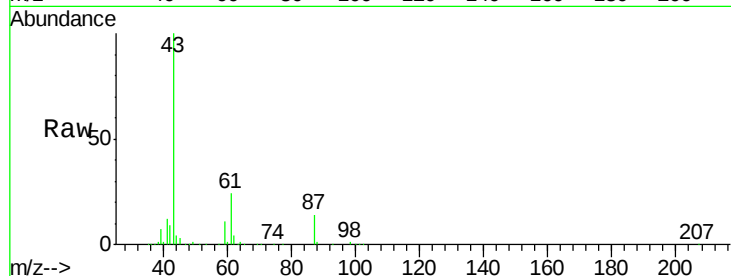
#43
Isopropyl Acetate
Concen: 42.668 ug/l
RT: 8.28 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.5	25.2	37.8
87	15.7	12.6	18.8

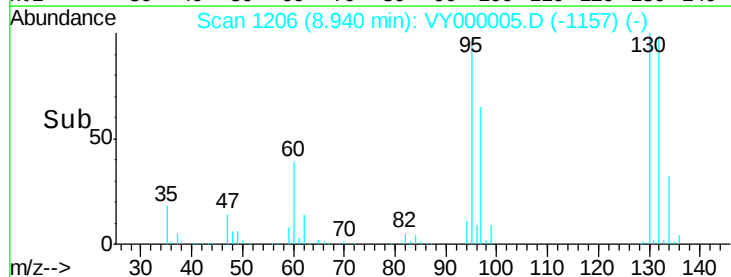
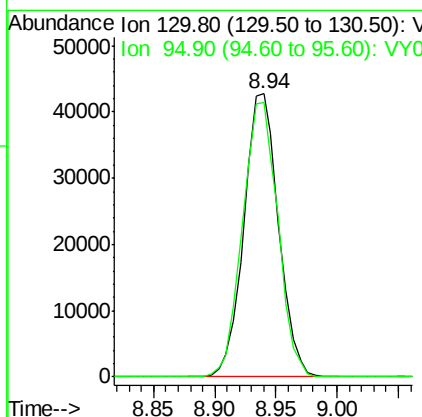
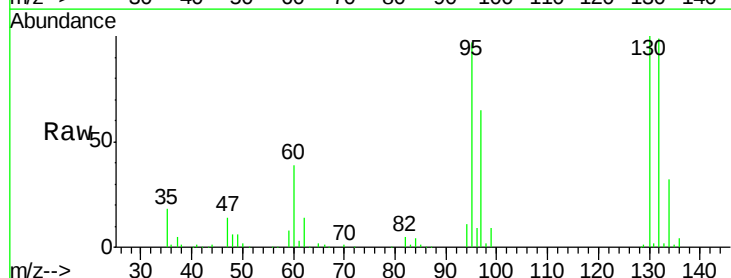
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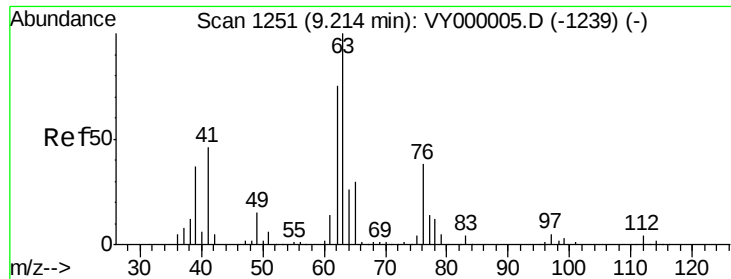
MMDadoda
9/13/2019 11:51:31 PM



#44
Trichloroethene
Concen: 46.647 ug/l
RT: 8.94 min Scan# 1206
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	194.2





#45

1,2-Dichloropropane

Concen: 43.247 ug/l

RT: 9.21 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 83158

Ion Ratio Lower Upper

63 100

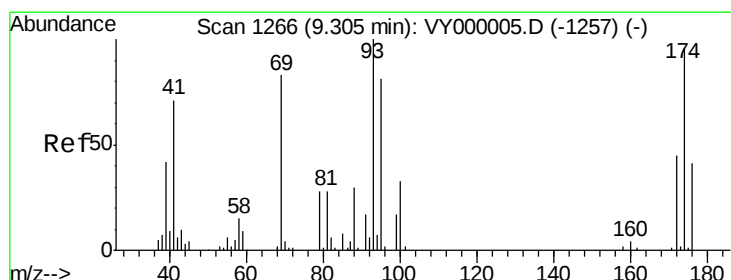
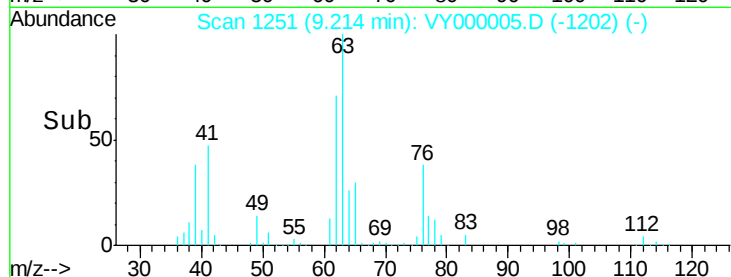
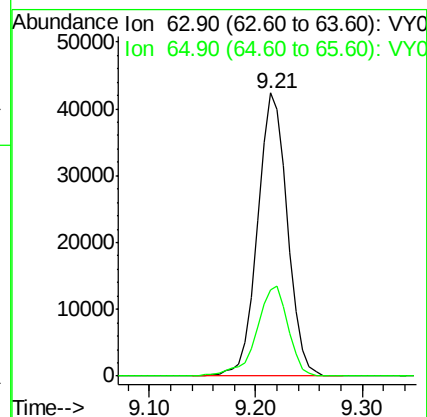
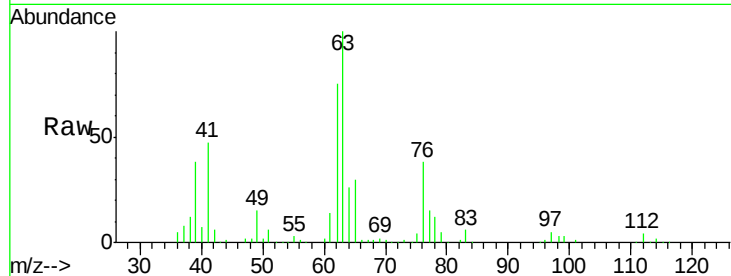
65 30.4 24.3 36.5

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#46

Dibromomethane

Concen: 47.792 ug/l

RT: 9.31 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

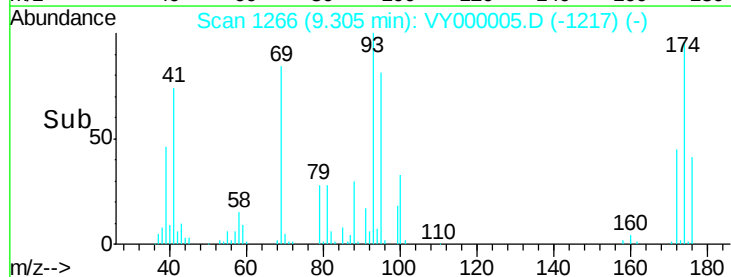
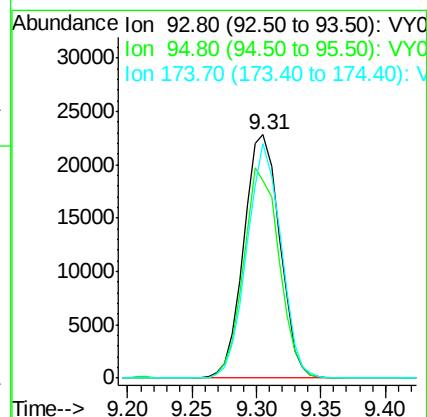
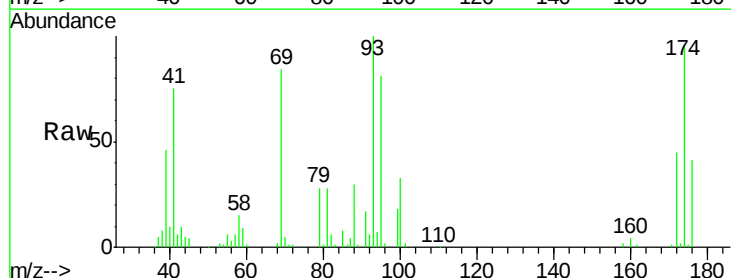
Tgt Ion: 93 Resp: 44226

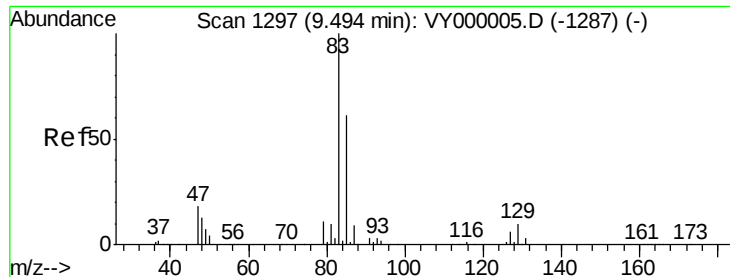
Ion Ratio Lower Upper

93 100

95 85.1 68.1 102.1

174 91.0 72.8 109.2





#47

Bromodichloromethane

Concen: 44.878 ug/l

RT: 9.49 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

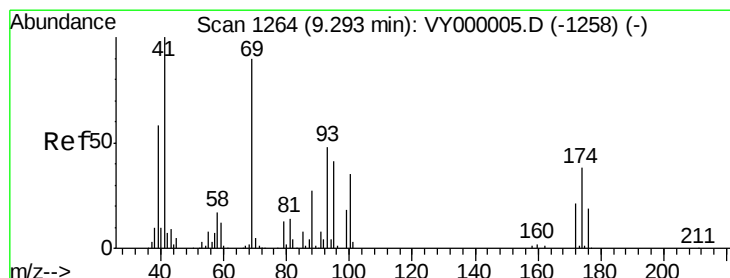
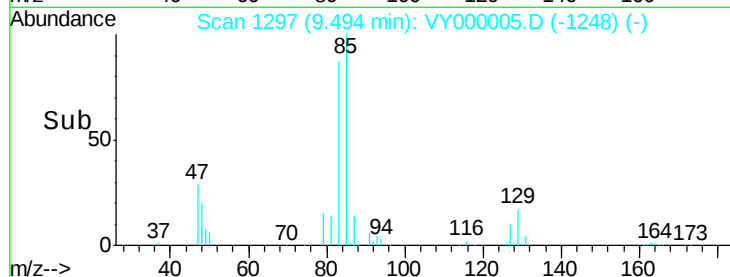
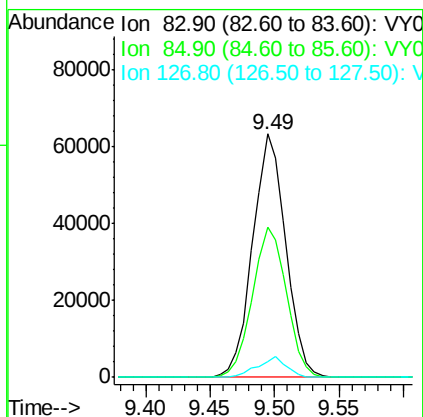
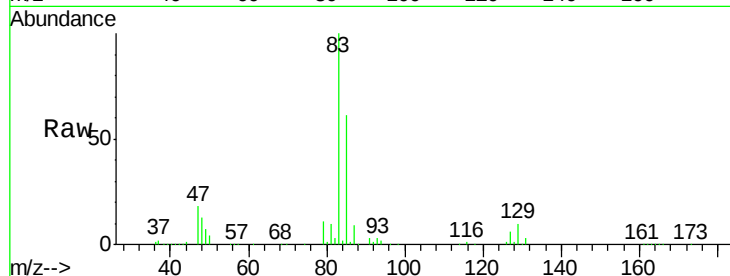
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	111984
Ion	Ratio	Lower	Upper
83	100		
85	61.5	49.2	73.8
127	6.3	5.0	7.6

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#48

Methyl methacrylate

Concen: 40.297 ug/l

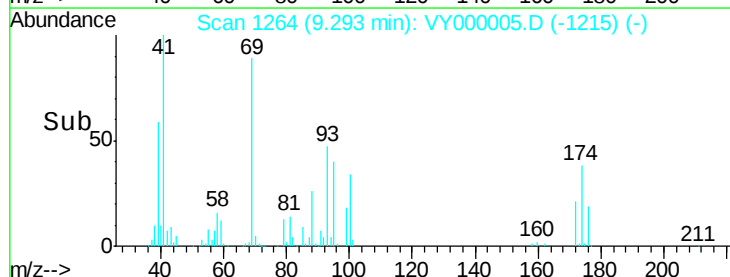
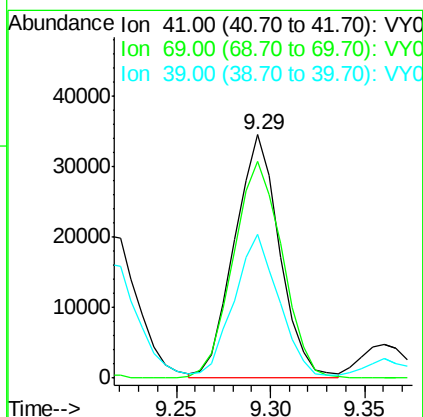
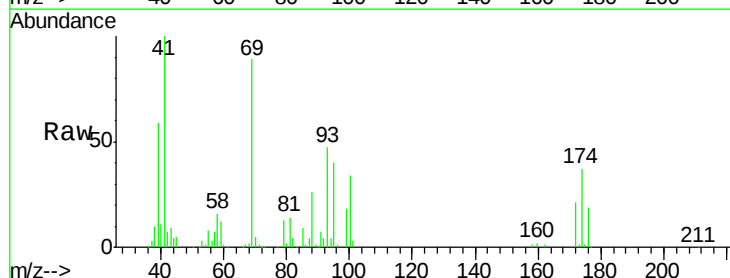
RT: 9.29 min Scan# 1264

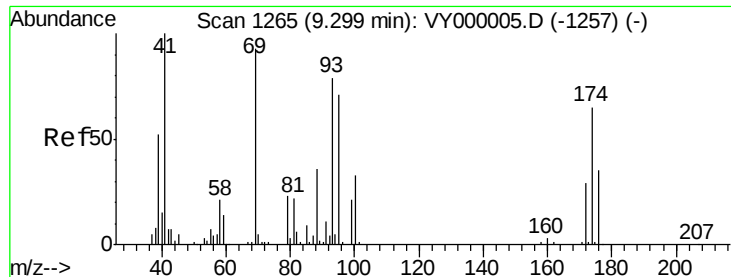
Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Tgt Ion:	41	Resp:	57419
Ion	Ratio	Lower	Upper
41	100		
69	96.8	77.4	116.2
39	59.3	47.4	71.2





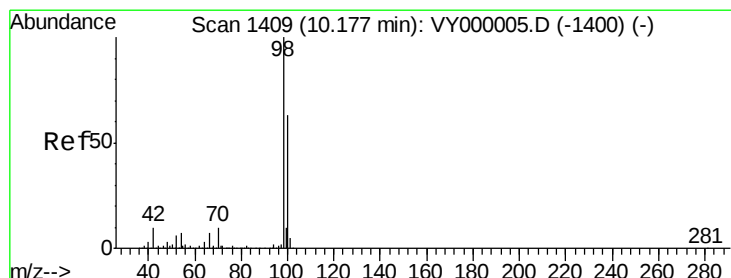
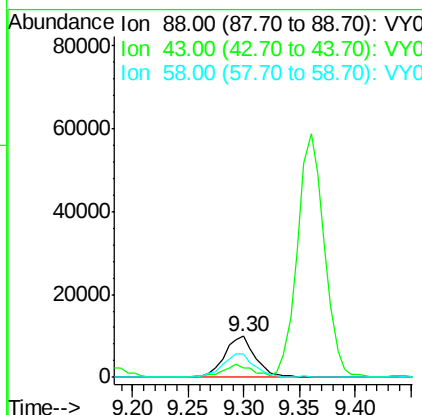
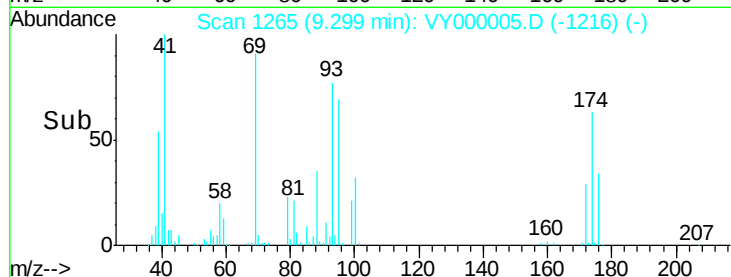
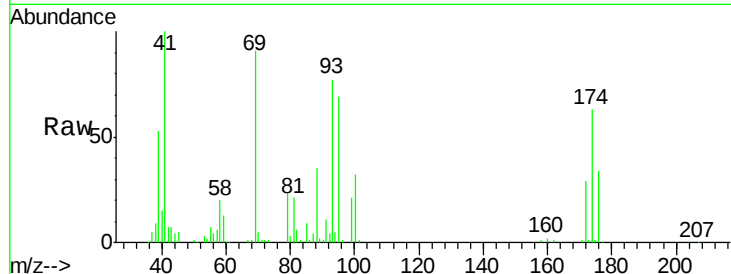
#49
1,4-Dioxane
Concen: 1021.584 ug/l
RT: 9.30 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100	19159		
43	29.3		23.4	35.2
58	57.6		46.1	69.1

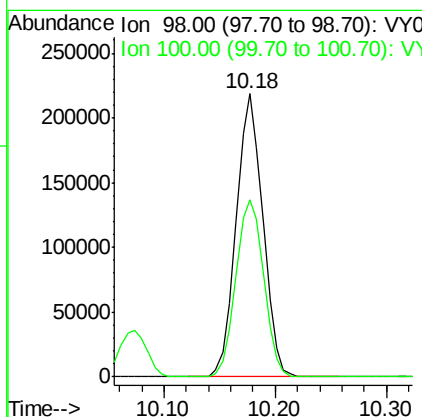
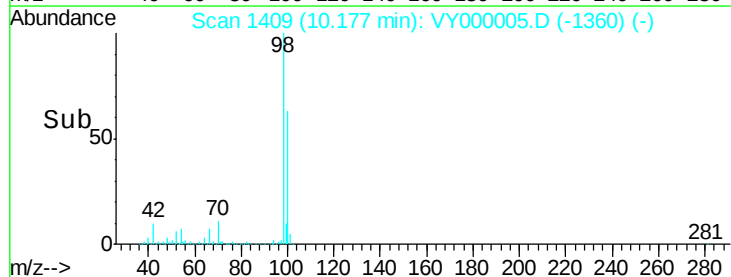
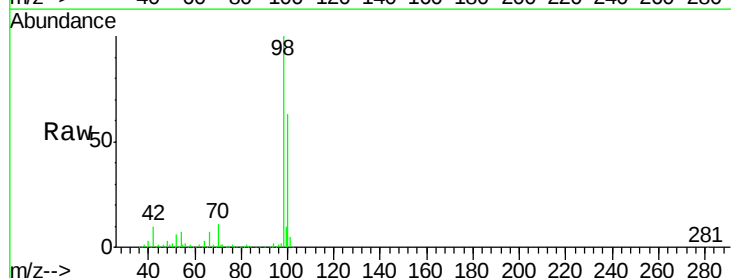
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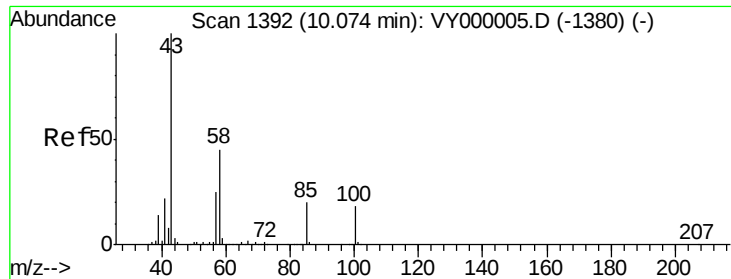
MMDadoda
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#50
Toluene-d8
Concen: 53.336 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	361751		
100	65.3		52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 226.767 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 358889

Ion Ratio Lower Upper

43 100

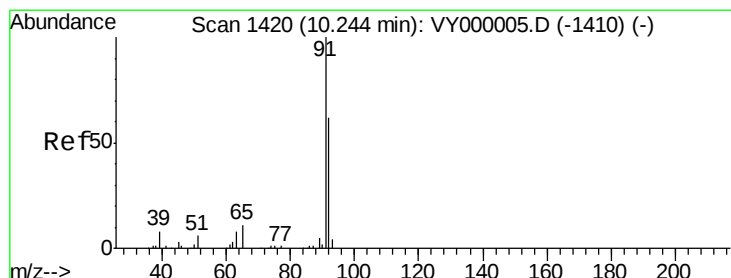
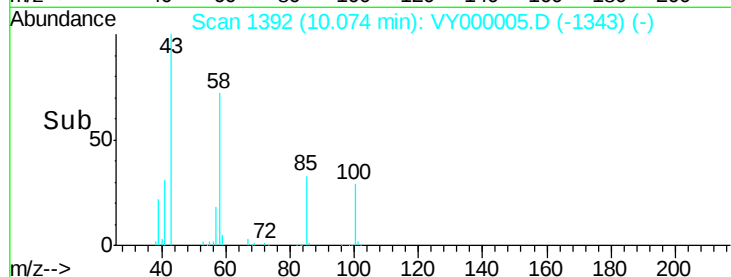
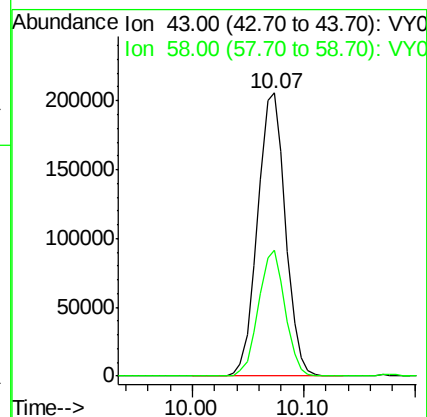
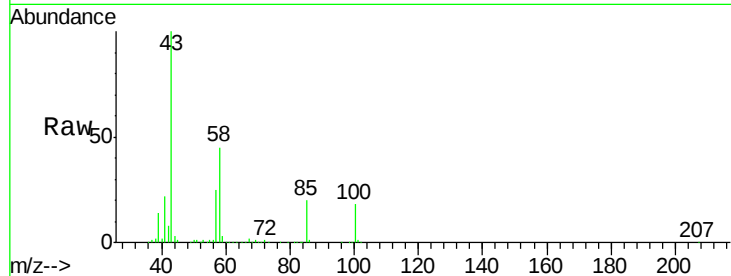
58 42.6 34.1 51.1

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#52

Toluene

Concen: 47.637 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. 0.00 min

Lab File: VY000005.D

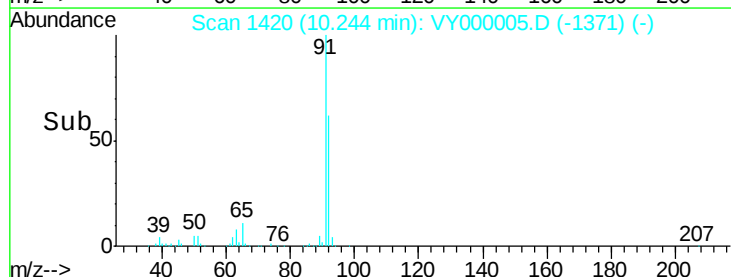
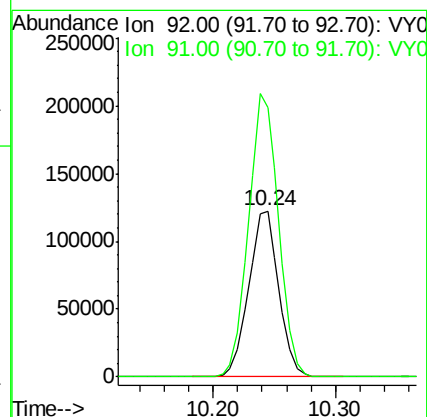
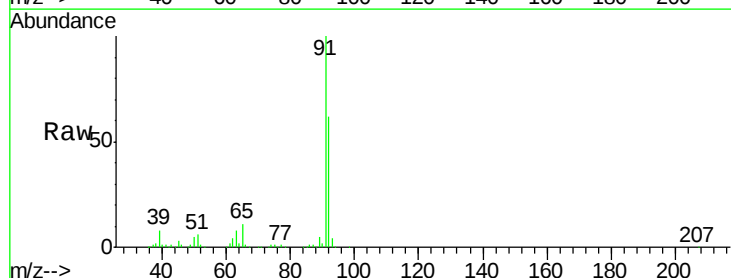
Acq: 11 Sep 2019 17:39

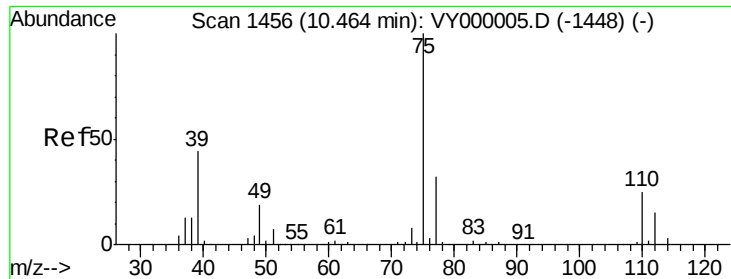
Tgt Ion: 92 Resp: 208097

Ion Ratio Lower Upper

92 100

91 170.6 136.5 204.7





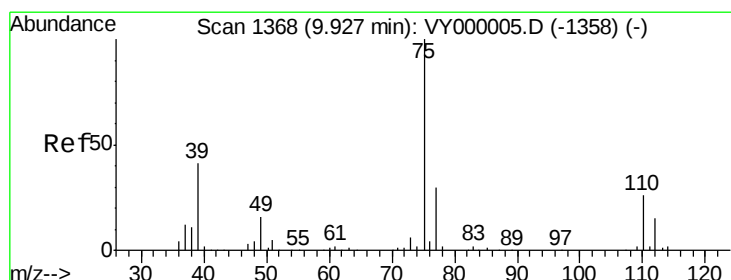
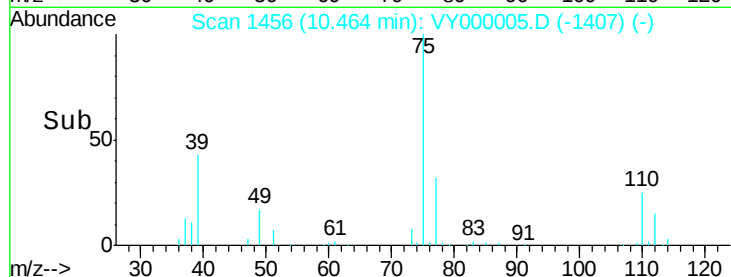
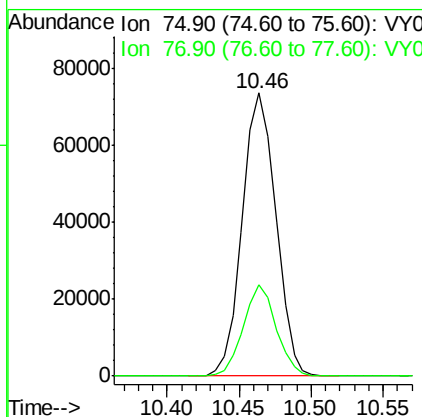
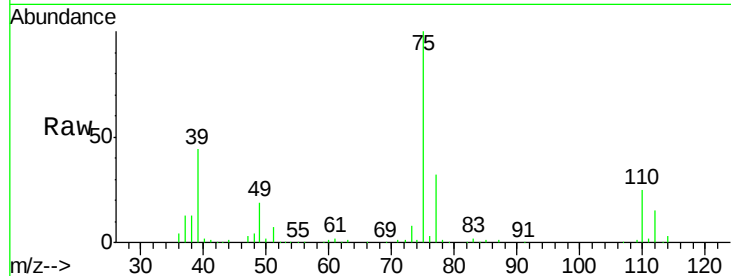
#53
 t-1,3-Dichloropropene
 Concen: 46.122 ug/l
 RT: 10.46 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion: 75 Resp: 119025
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.8

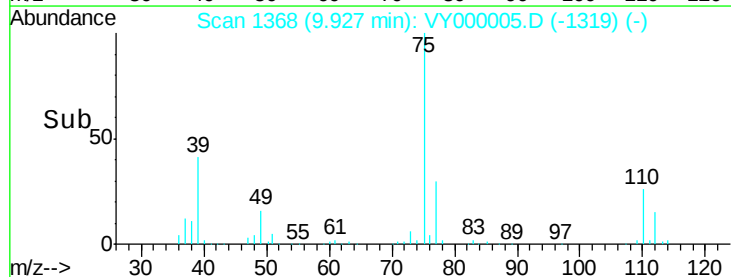
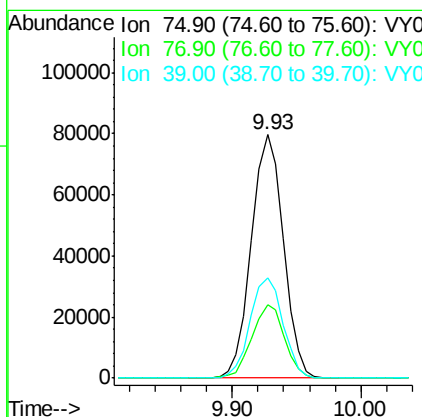
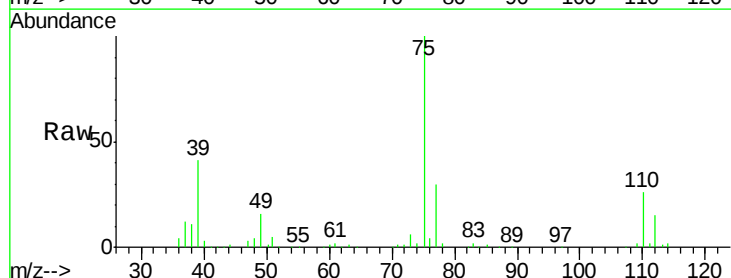
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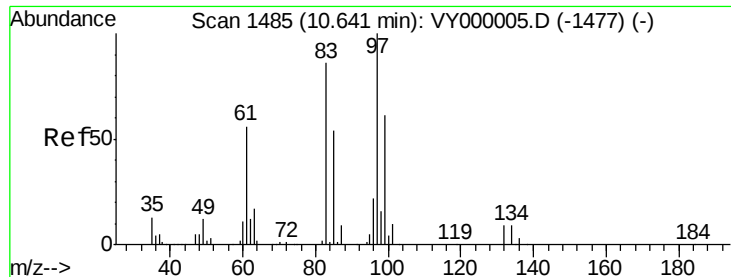
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#54
 cis-1,3-Dichloropropene
 Concen: 46.703 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion: 75 Resp: 136681
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.1 36.1
 39 41.2 33.0 49.4





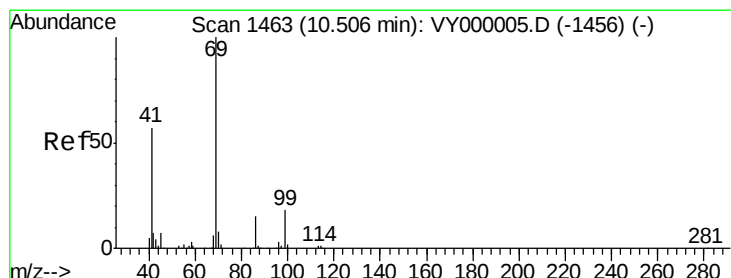
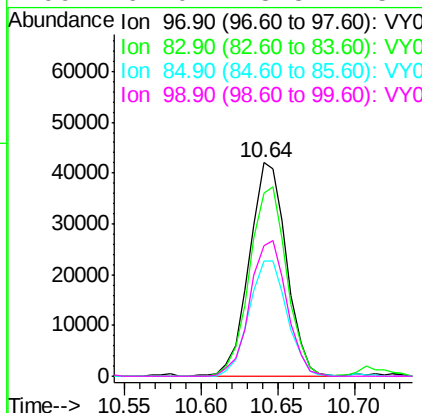
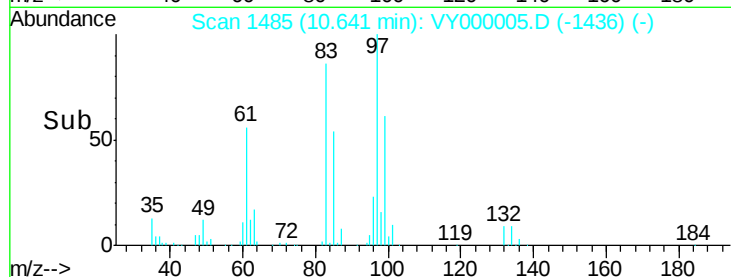
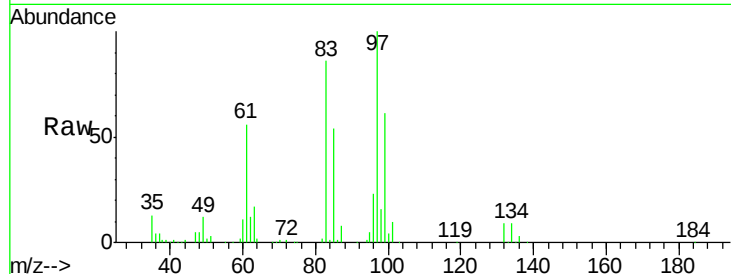
#55
 1,1,2-Trichloroethane
 Concen: 51.071 ug/l
 RT: 10.64 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	71326
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.4	102.6
85	53.8	43.0	64.6
99	61.0	48.8	73.2

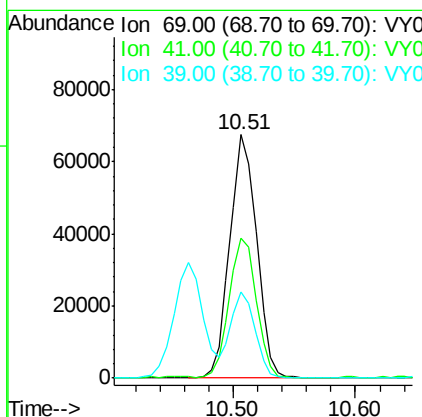
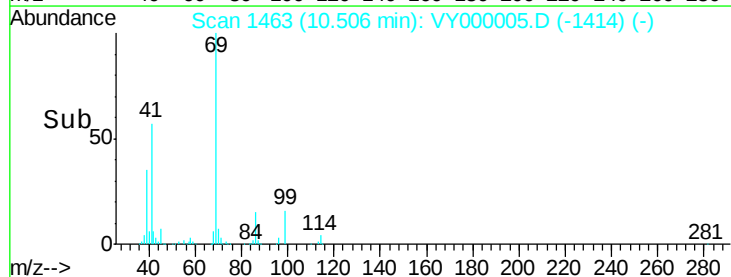
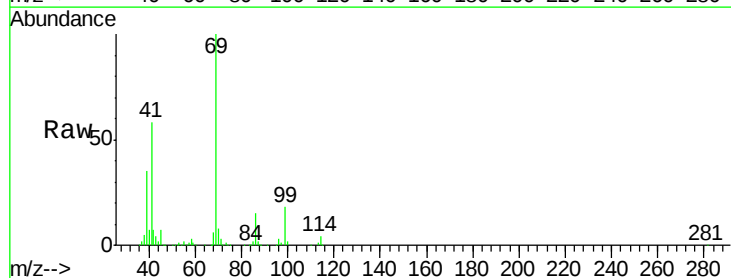
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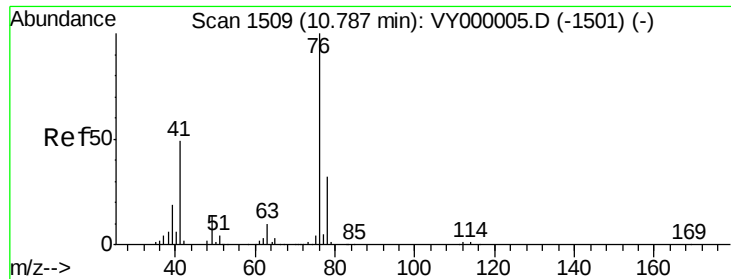
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#56
 Ethyl methacrylate
 Concen: 50.260 ug/l
 RT: 10.51 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion:	69	Resp:	102385
Ion	Ratio	Lower	Upper
69	100		
41	57.9	46.3	69.5
39	32.2	25.8	38.6





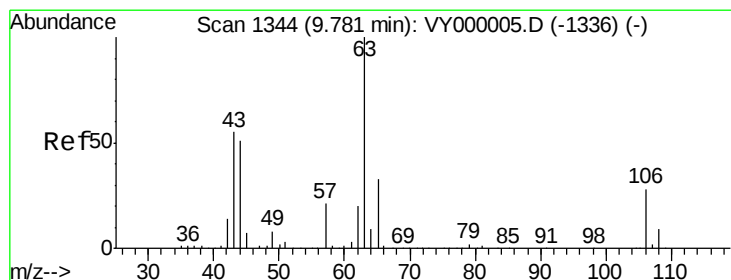
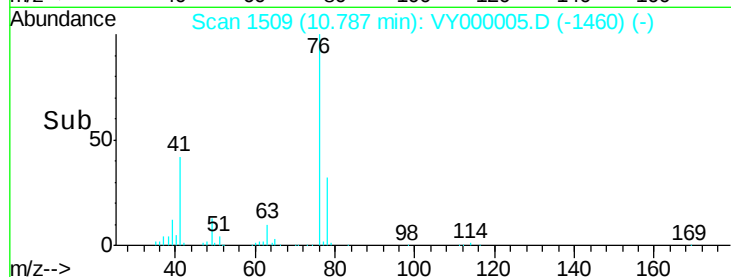
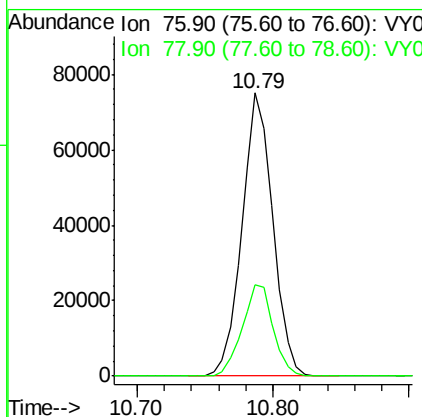
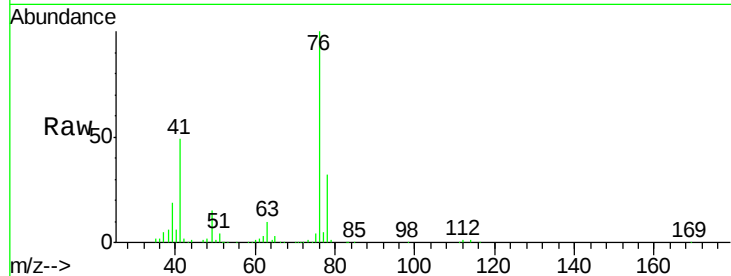
#57
 1,3-Dichloropropane
 Concen: 46.588 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.1	39.1

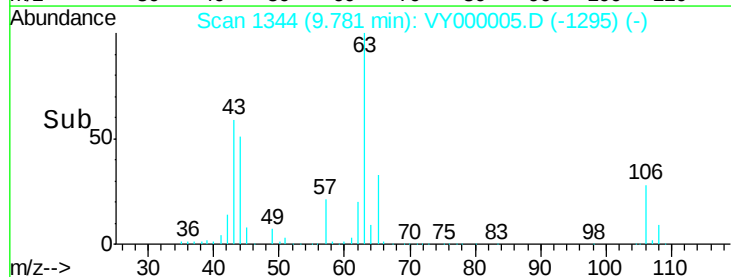
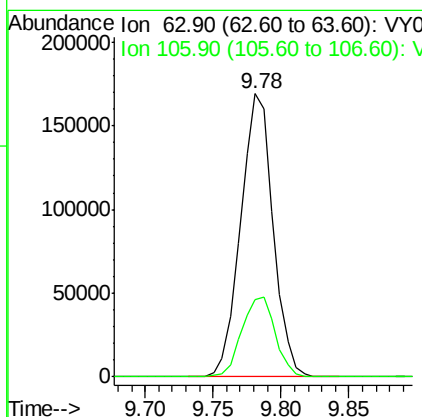
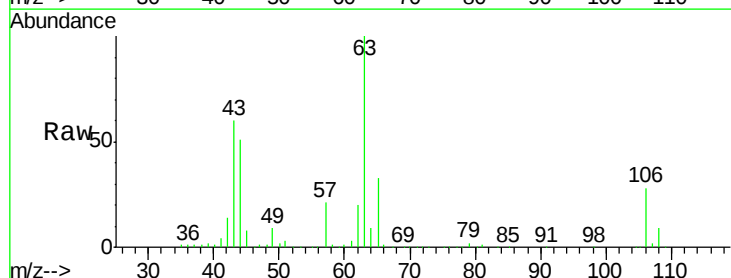
Manual Integrations
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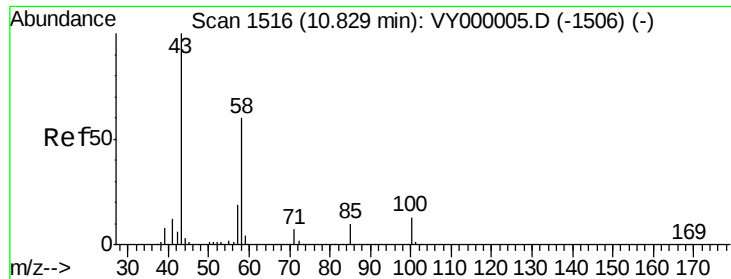
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 9/13/2019 11:51:31 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.268 ug/l
 RT: 9.78 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.3	34.9





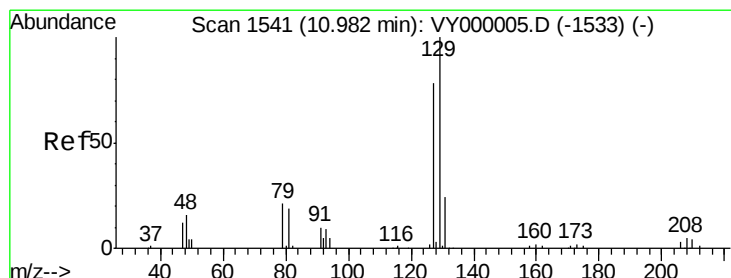
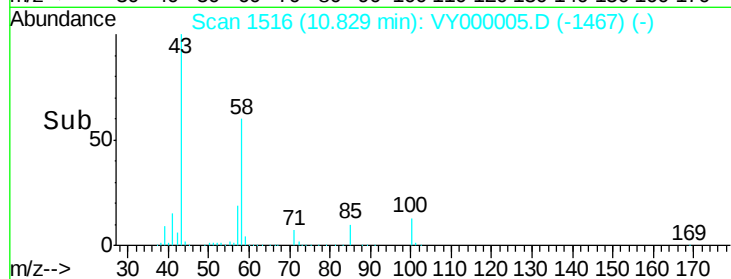
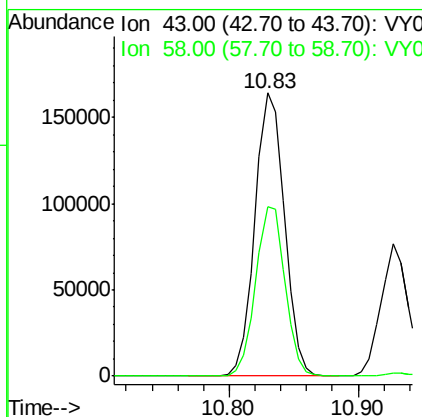
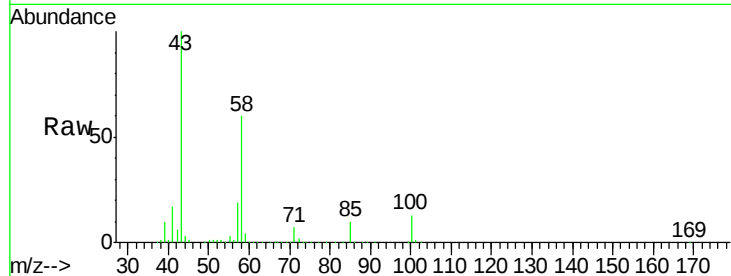
#59
2-Hexanone
Concen: 223.819 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 258753
Ion Ratio Lower Upper
43 100
58 59.7 29.8 89.5

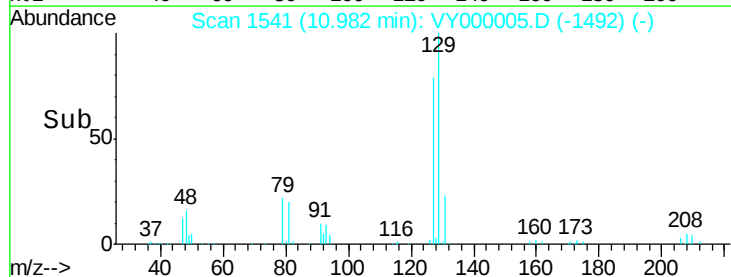
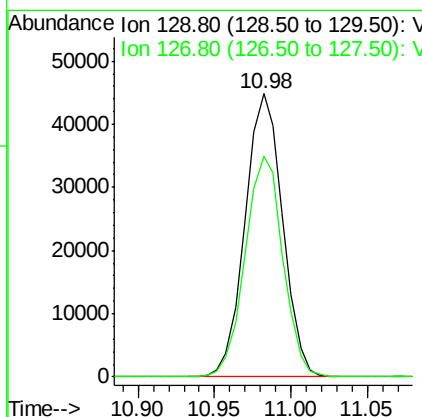
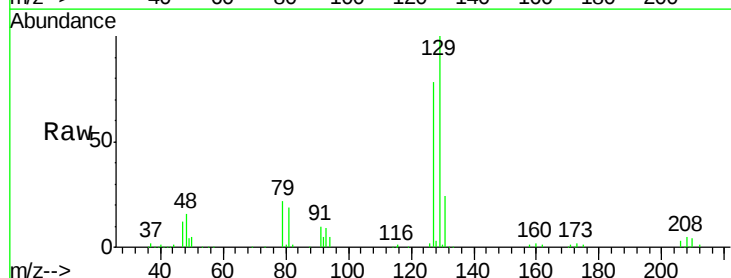
Manual Integrations
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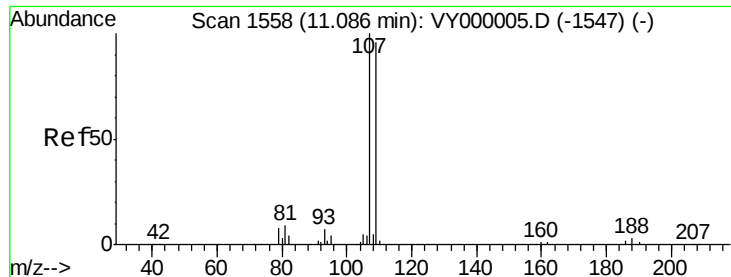
MMDadoda
9/13/2019 11:51:31 PM



#60
Dibromochloromethane
Concen: 47.241 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion: 129 Resp: 76336
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 52.285 ug/l

RT: 11.09 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 107 Resp: 67159

Ion Ratio Lower Upper

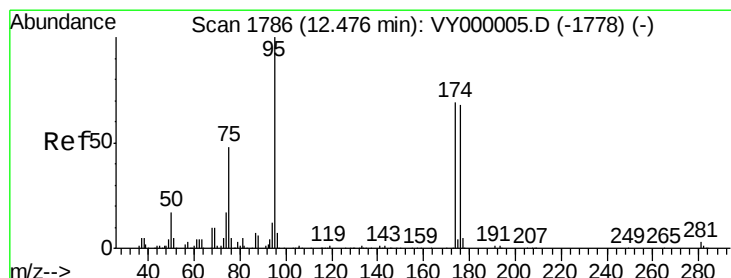
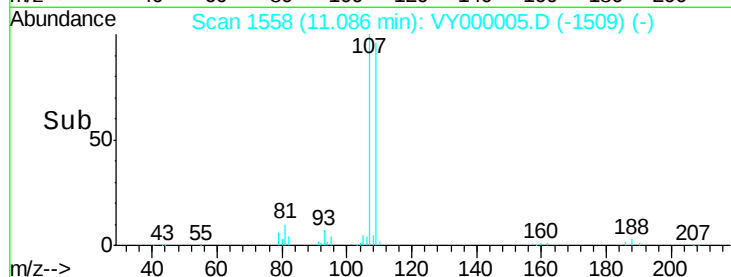
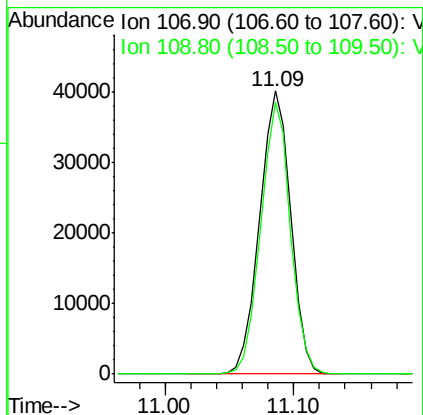
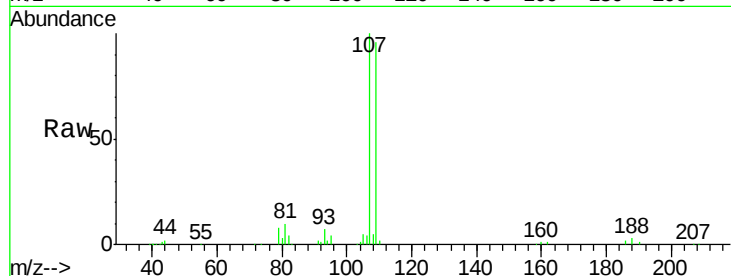
107 100

109 91.5 73.2 109.8

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#62

4-Bromofluorobenzene

Concen: 49.081 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

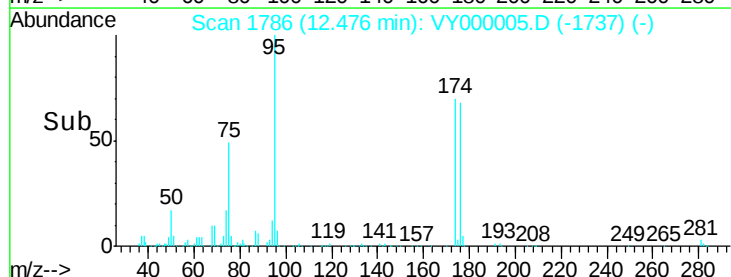
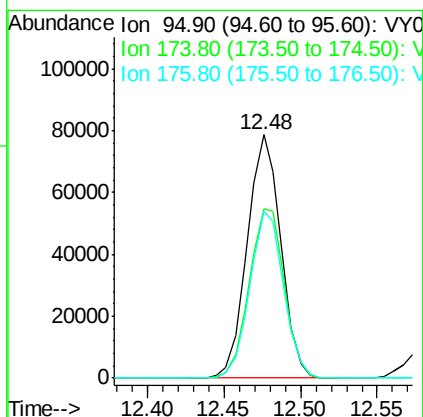
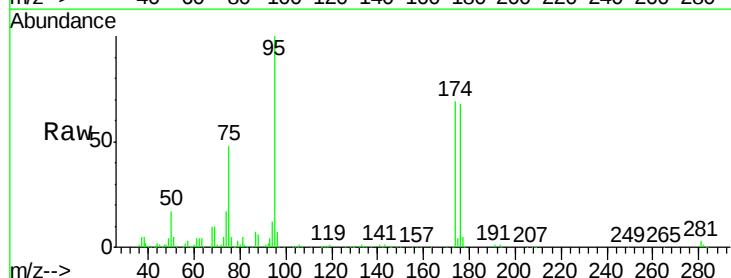
Tgt Ion: 95 Resp: 119738

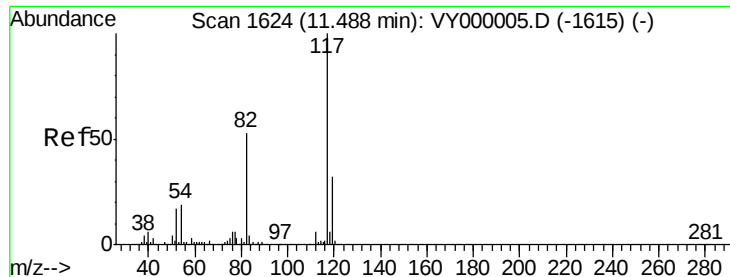
Ion Ratio Lower Upper

95 100

174 72.9 0.0 145.8

176 69.0 0.0 138.0





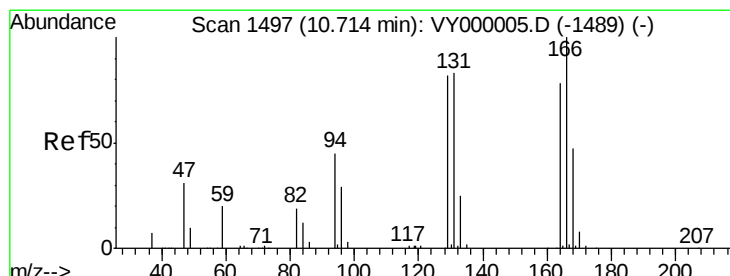
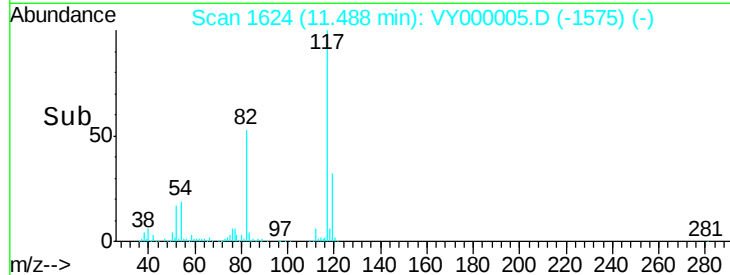
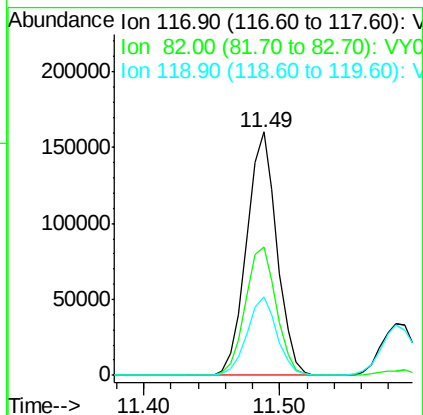
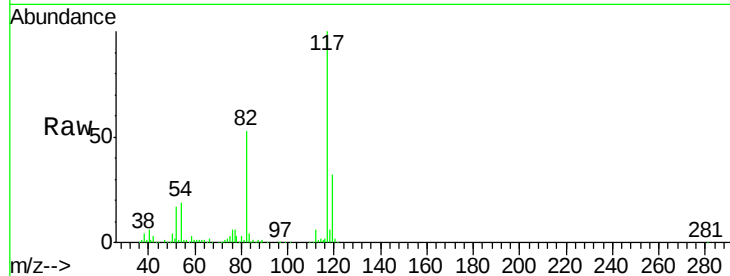
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.3	63.5
119	32.3	25.8	38.8

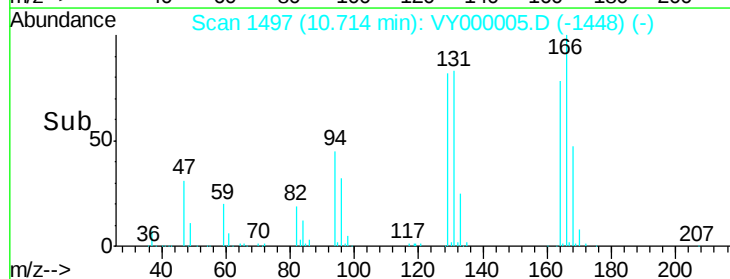
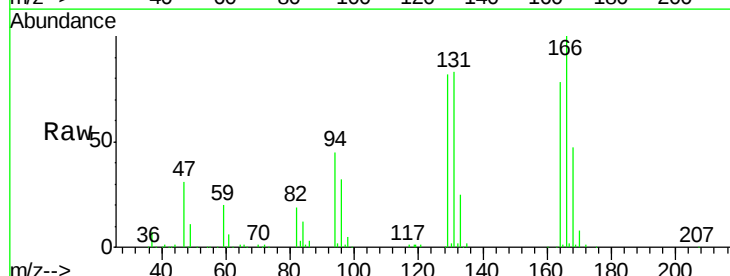
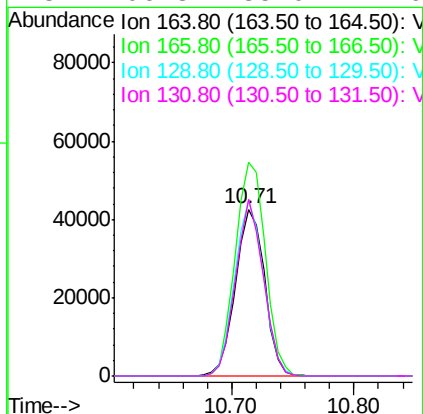
Manual Integrations
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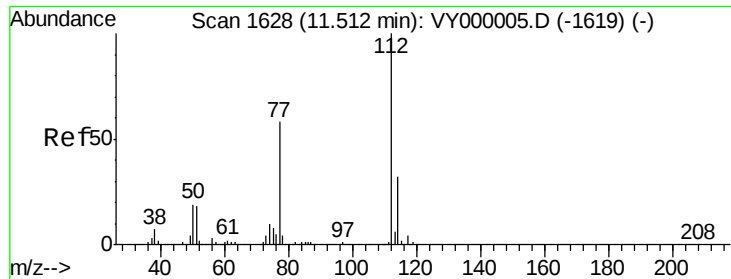
MMDadoda
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#64
Tetrachloroethene
Concen: 47.209 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	102.5	153.7
129	104.8	83.8	125.8
131	106.3	85.0	127.6





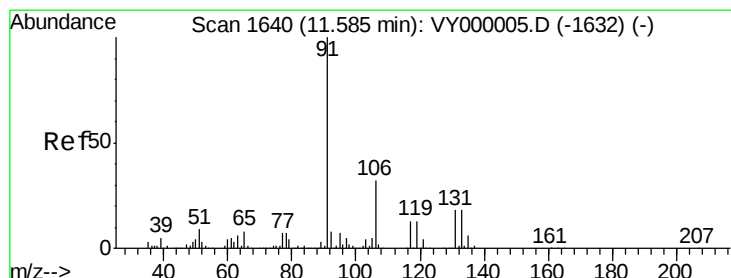
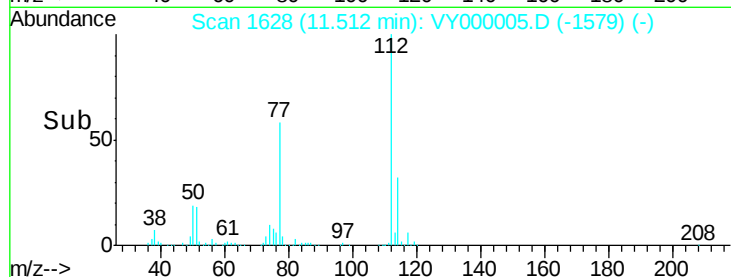
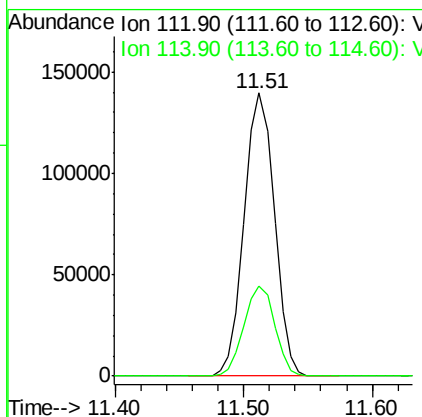
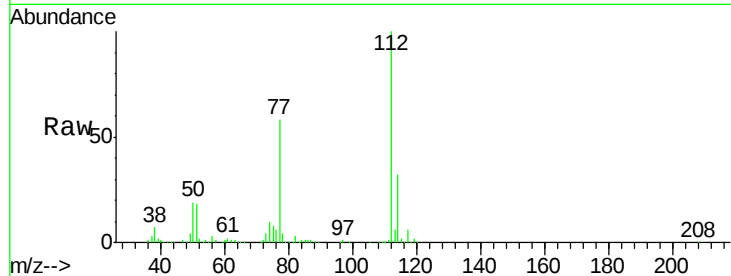
#65
Chlorobenzene
Concen: 48.689 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.4	38.2

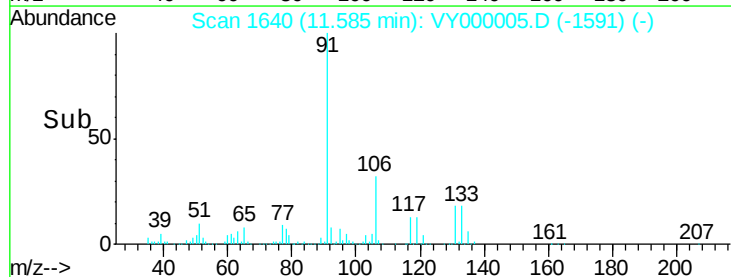
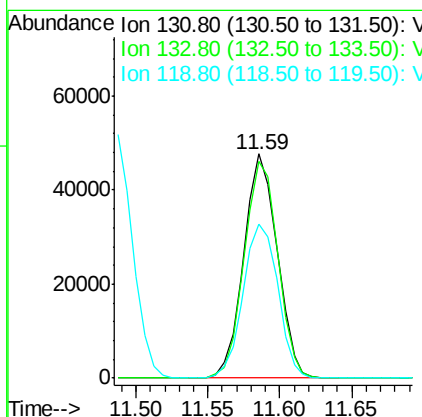
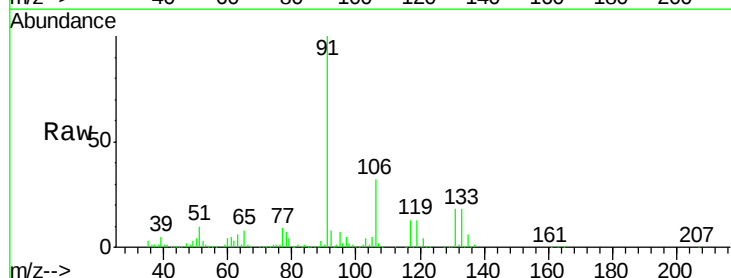
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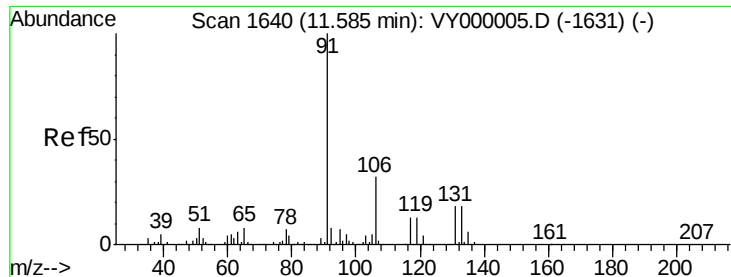
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#66
1,1,1,2-Tetrachloroethane
Concen: 45.047 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.4	48.7	146.1
119	71.5	35.8	107.3





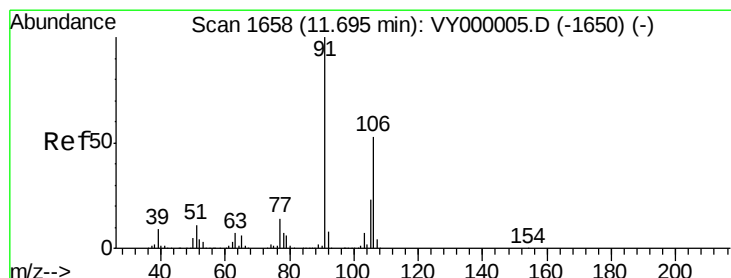
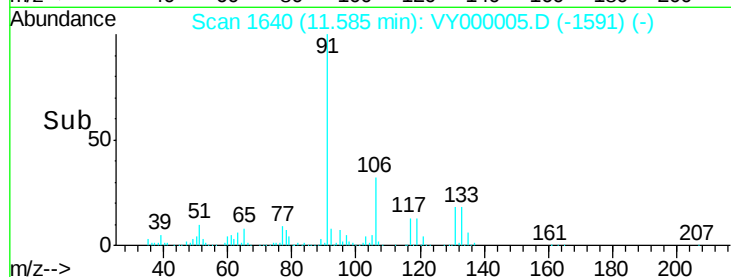
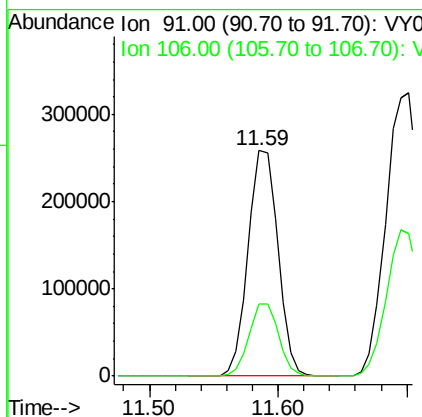
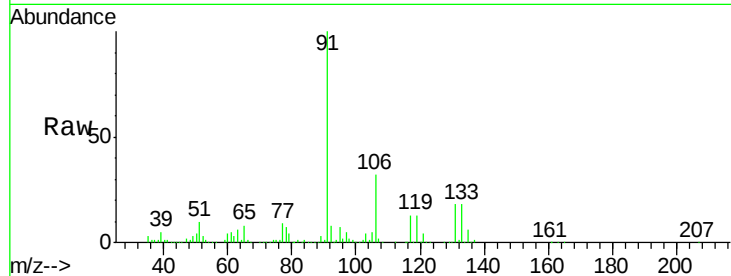
#67
Ethyl Benzene
Concen: 47.550 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 411969
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2

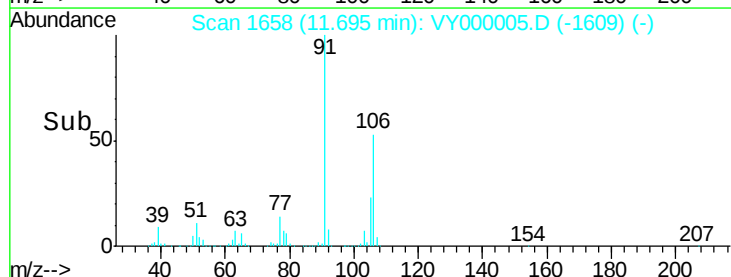
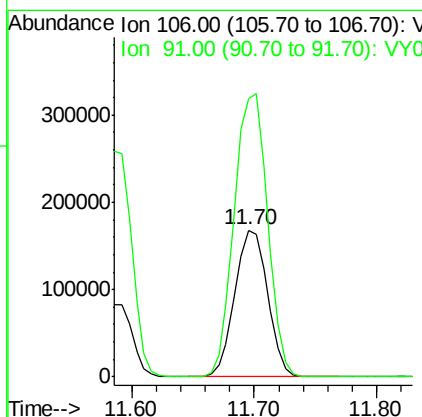
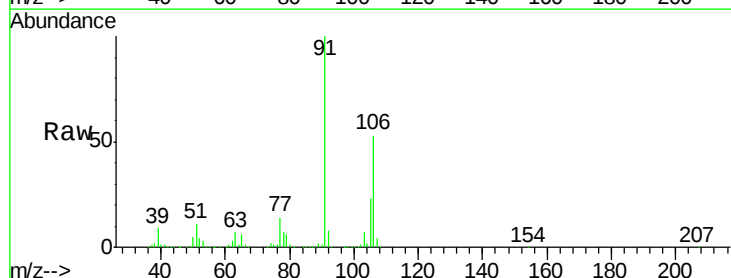
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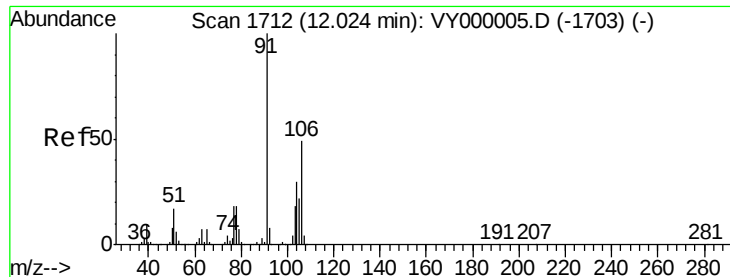
MMDadoda
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#68
m/p-Xylenes
Concen: 98.348 ug/l
RT: 11.70 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion: 106 Resp: 312260
Ion Ratio Lower Upper
106 100
91 196.4 157.1 235.7





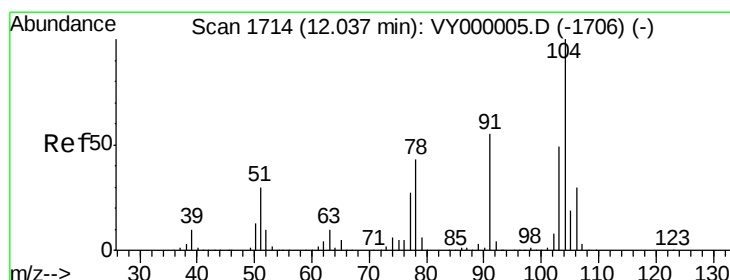
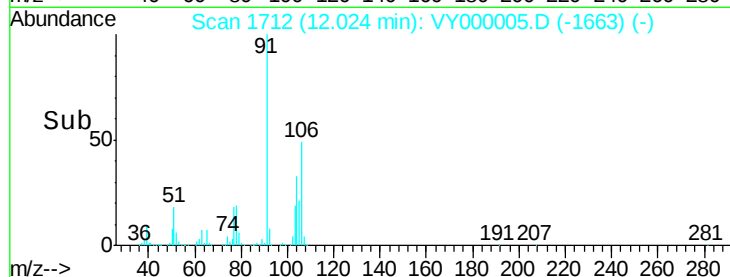
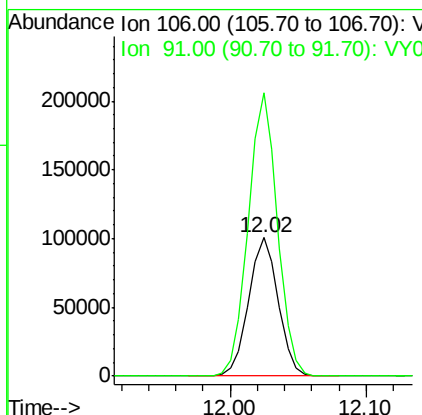
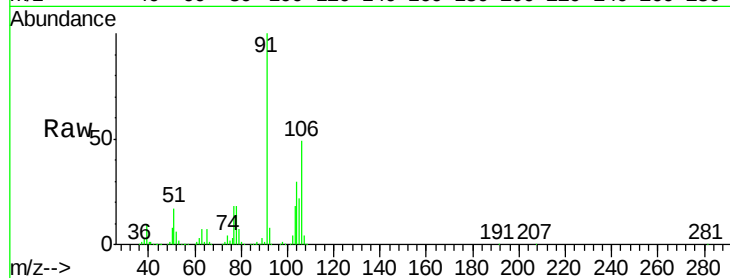
#69
o-Xylene
Concen: 51.427 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 153835
Ion Ratio Lower Upper
106 100
91 201.2 100.6 301.8

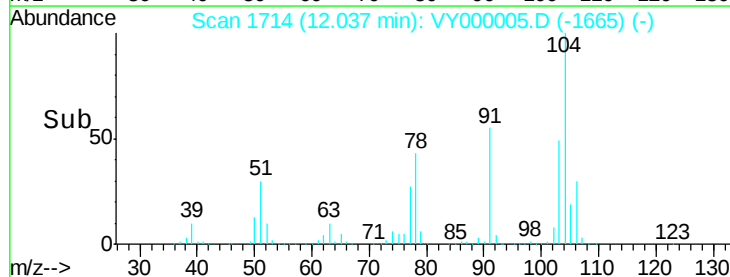
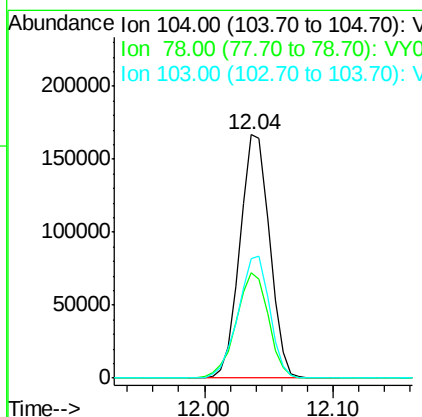
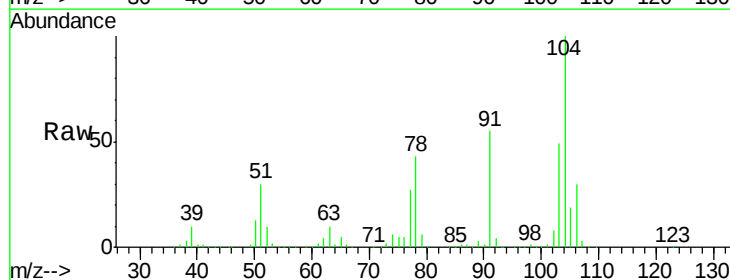
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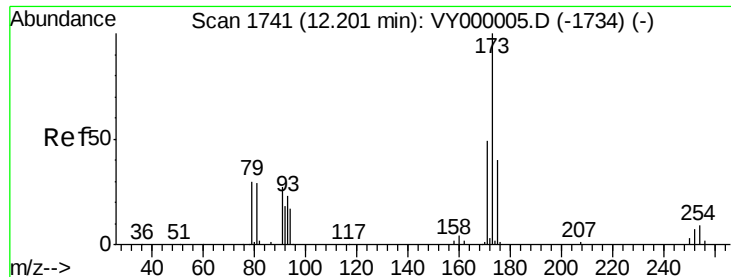
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#70
Styrene
Concen: 50.622 ug/l
RT: 12.04 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion:104 Resp: 266301
Ion Ratio Lower Upper
104 100
78 47.0 37.6 56.4
103 53.2 42.6 63.8





#71

Bromoform

Concen: 48.572 ug/l

RT: 12.20 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 46602

Ion Ratio Lower Upper

173 100

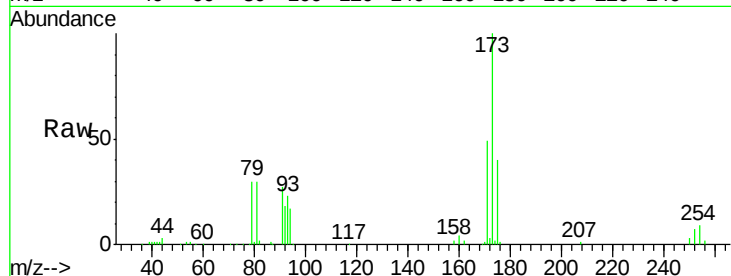
175 47.7 23.8 71.5

254 0.0 0.0 0.0

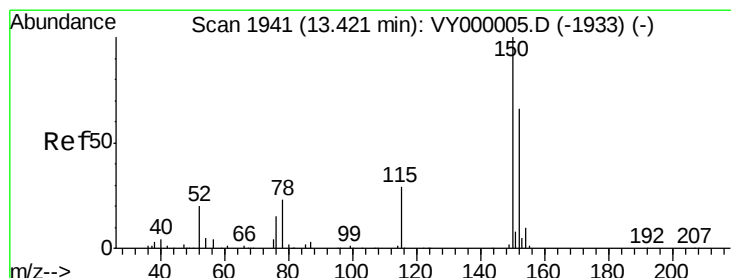
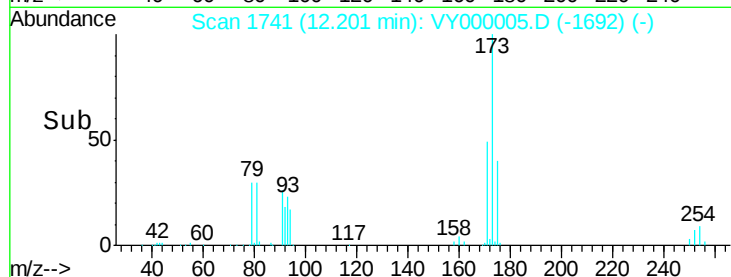
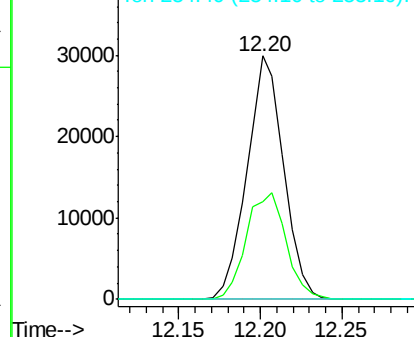
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

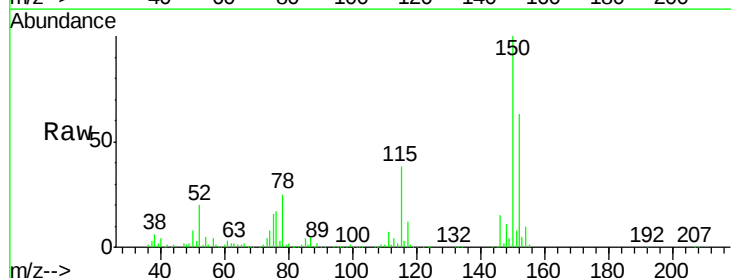
Tgt Ion:152 Resp: 109818

Ion Ratio Lower Upper

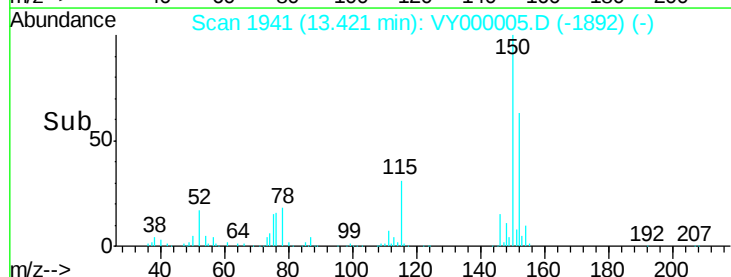
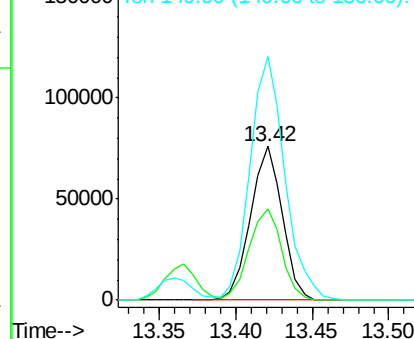
152 100

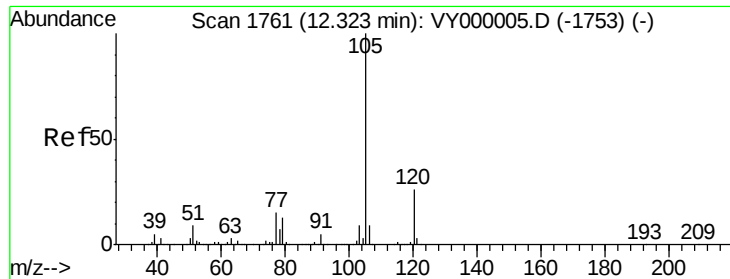
115 60.7 30.3 91.0

150 173.7 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.061 ug/l

RT: 12.32 min Scan# 1761

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 399375

Ion Ratio Lower Upper

105 100

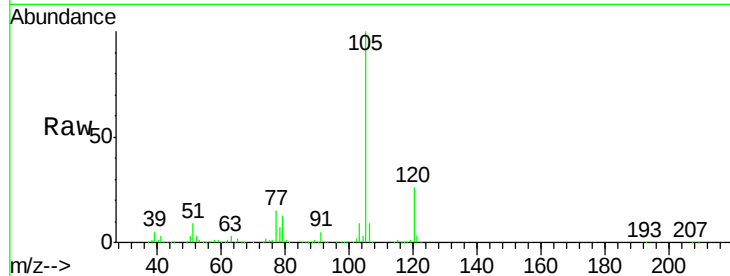
120 26.9 13.5 40.4

Manual Integrations

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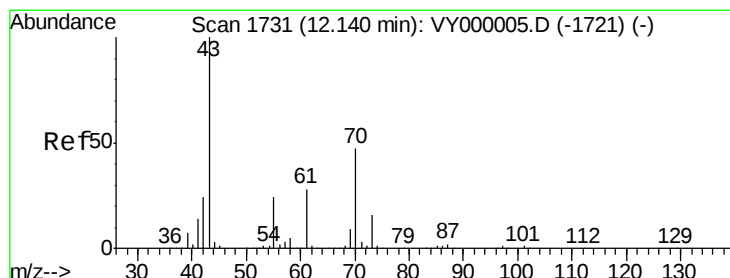
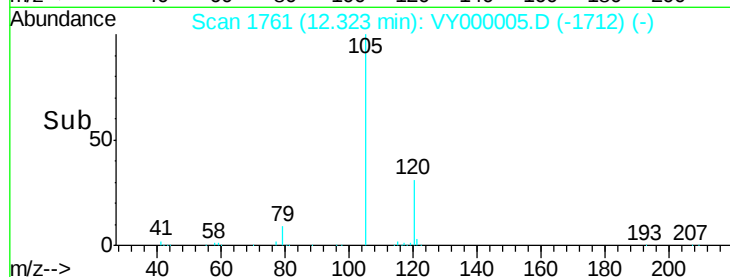
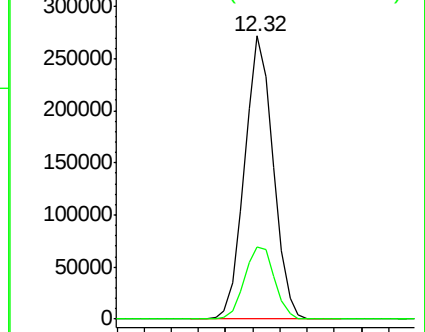
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.221 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Tgt Ion: 43 Resp: 112446

Ion Ratio Lower Upper

43 100

70 47.6 38.1 57.1

55 24.9 19.9 29.9

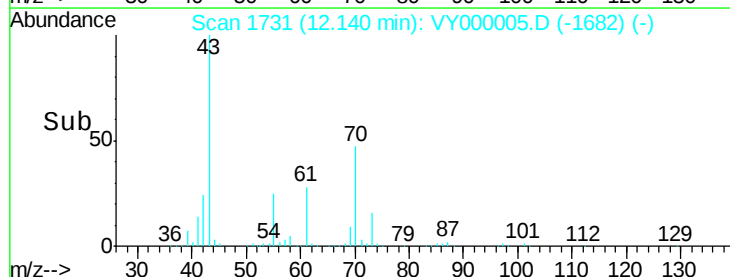
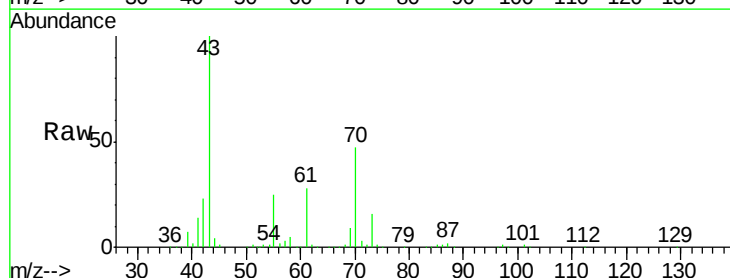
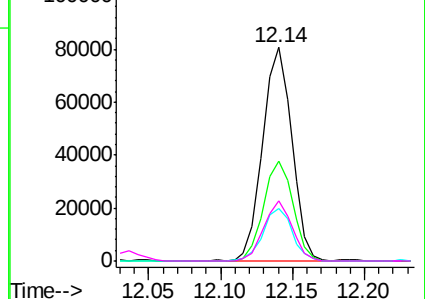
61 27.5 22.0 33.0

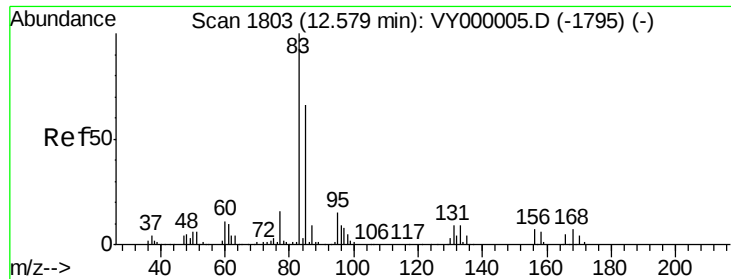
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 56.497 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

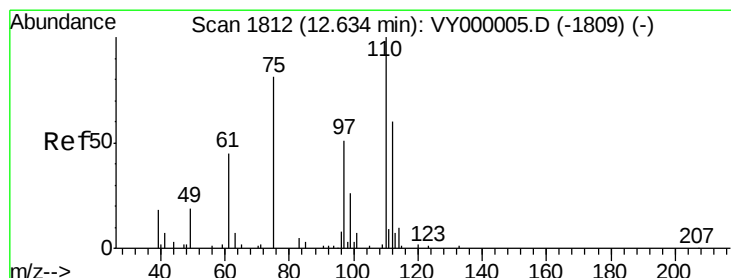
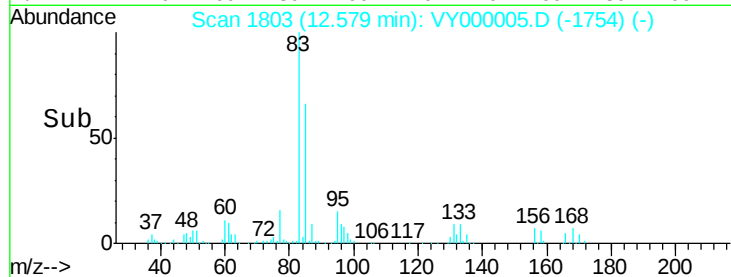
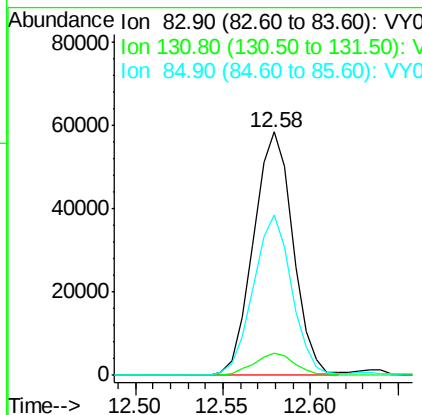
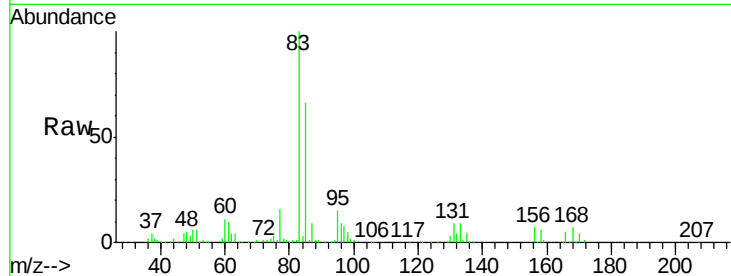
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	91689
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	14.9
85	64.2	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 57.106 ug/l m

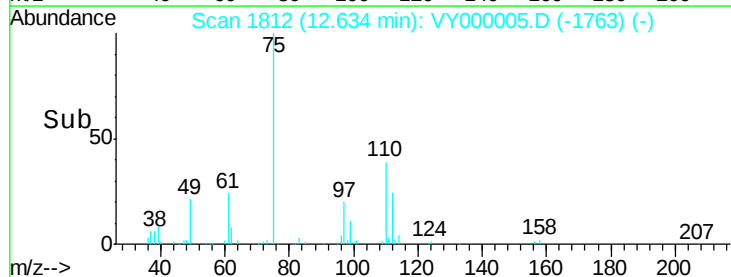
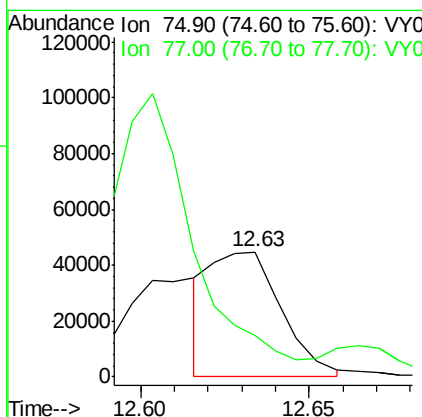
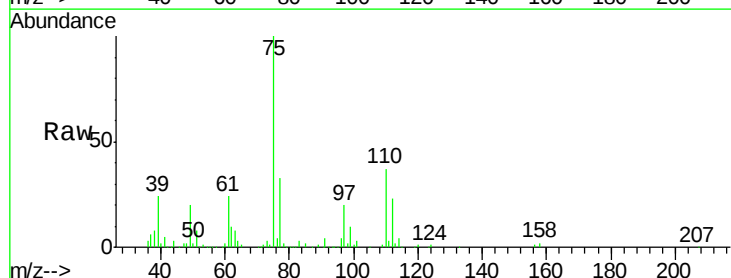
RT: 12.63 min Scan# 1812

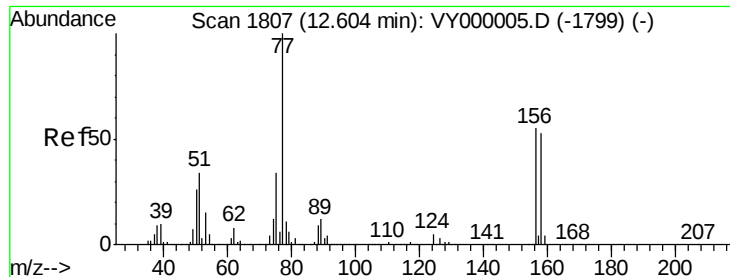
Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Tgt Ion:	75	Resp:	66226
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





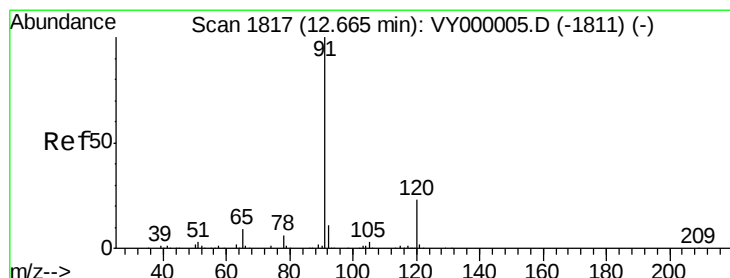
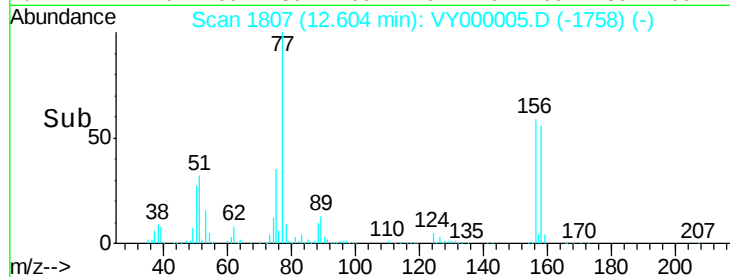
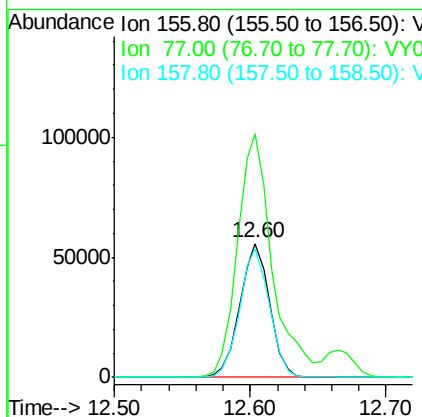
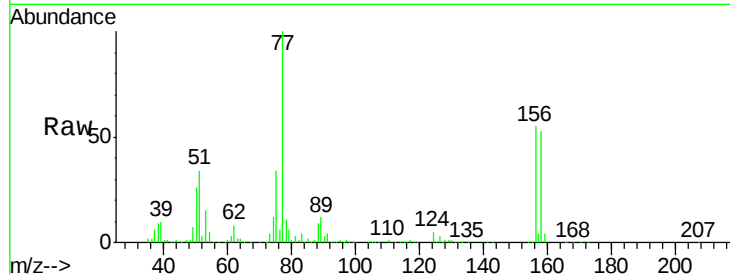
#77
Bromobenzene
Concen: 48.086 ug/l
RT: 12.60 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	213.1	106.5	319.6
158	96.4	48.2	144.6

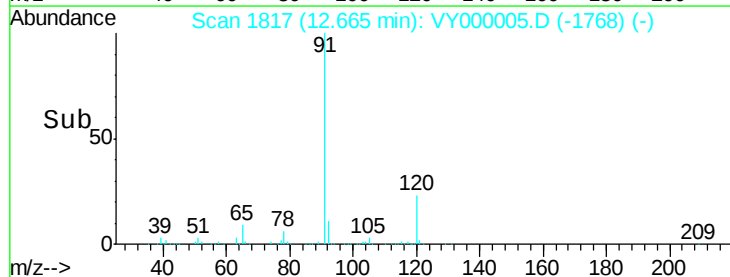
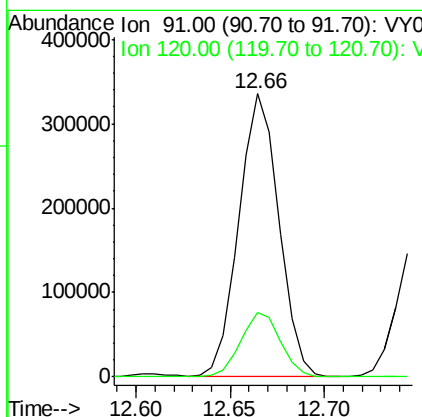
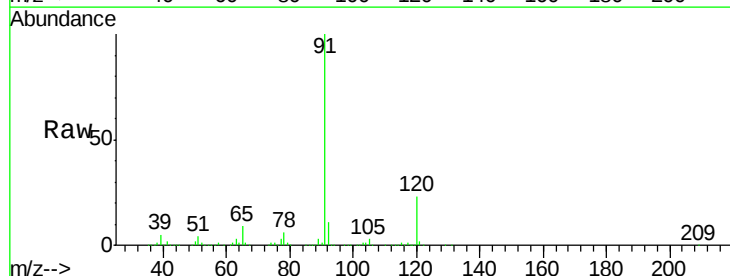
Manual Integrations
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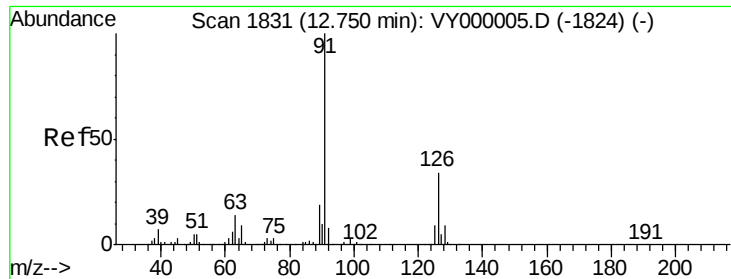
MMDadoda
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#78
n-propylbenzene
Concen: 52.487 ug/l
RT: 12.66 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.3	33.9





#79

2-Chlorotoluene

Concen: 50.801 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 272878

Ion Ratio Lower Upper

91 100

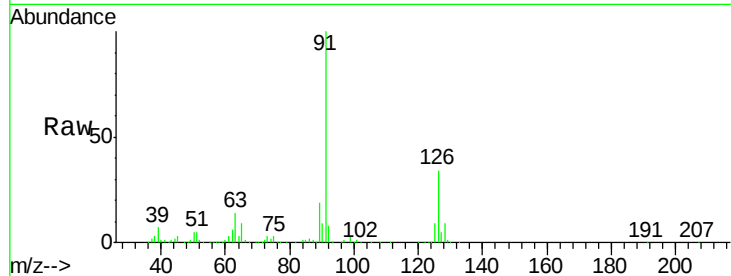
126 34.4 17.2 51.6

Manual Integrations

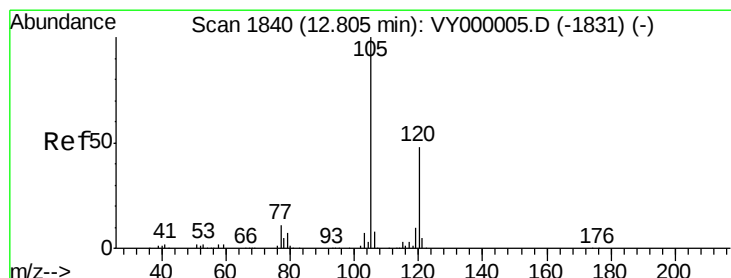
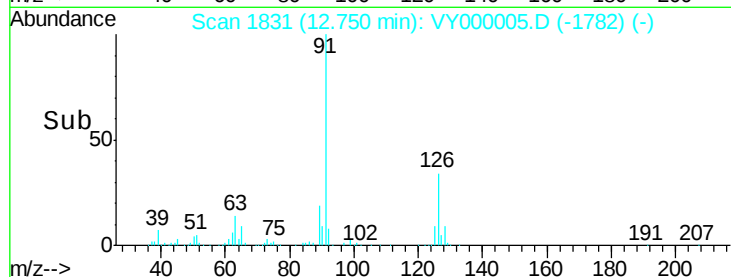
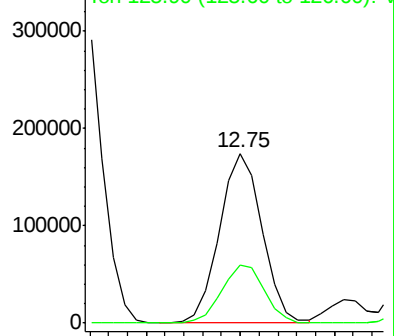
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Abundance Ion 91.00 (90.70 to 91.70): VY000005.D (-1824) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.144 ug/l

RT: 12.80 min Scan# 1840

Delta R.T. 0.00 min

Lab File: VY000005.D

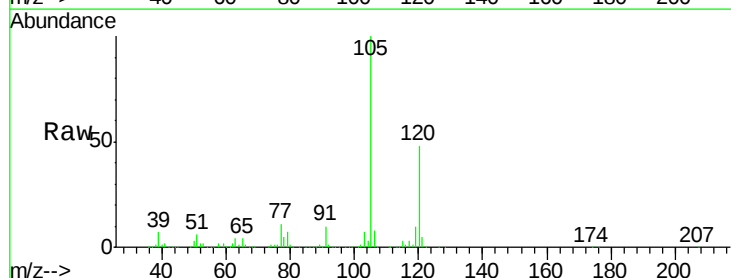
Acq: 11 Sep 2019 17:39

Tgt Ion: 105 Resp: 336475

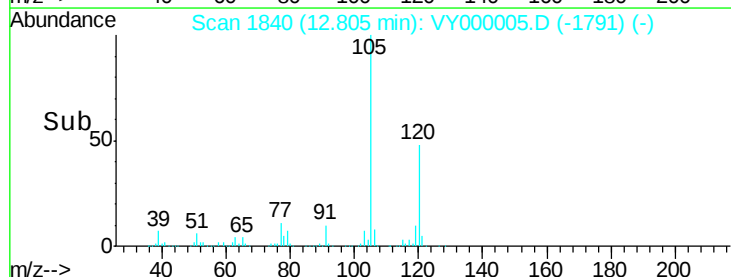
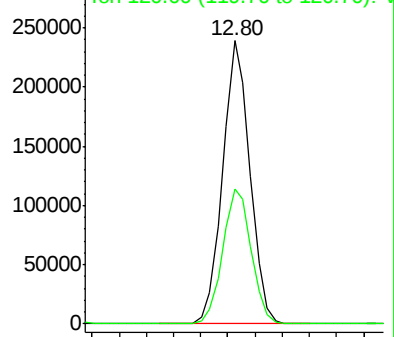
Ion Ratio Lower Upper

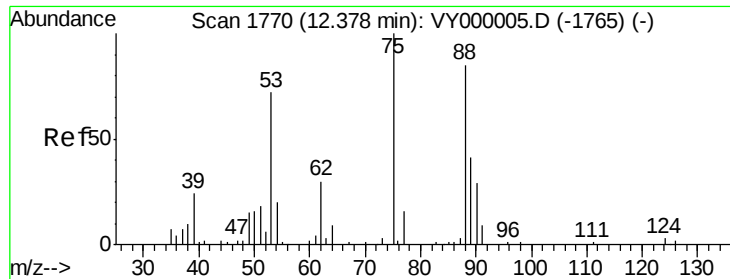
105 100

120 49.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY000005.D (-1831) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 64.888 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

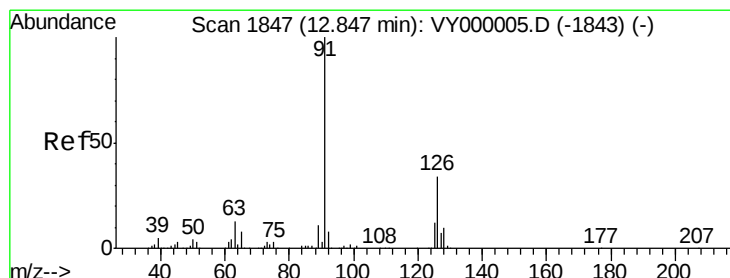
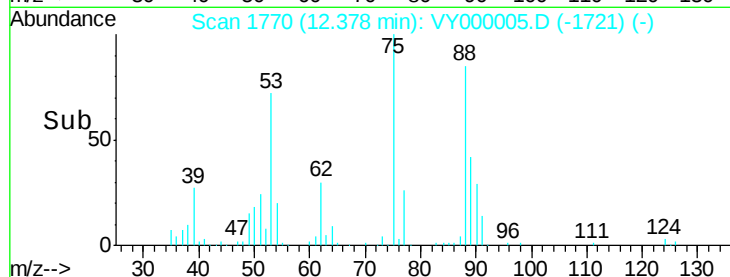
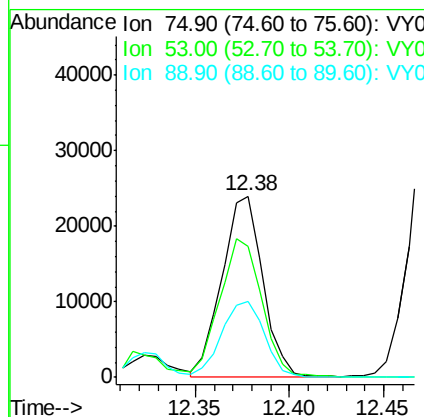
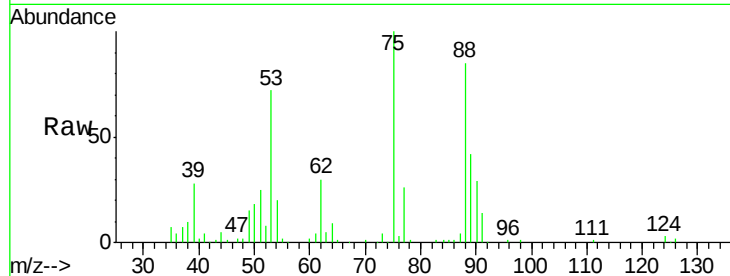
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	36270
Ion	Ratio	Lower	Upper
75	100		
53	78.8	63.0	94.6
89	43.3	34.6	52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.823 ug/l

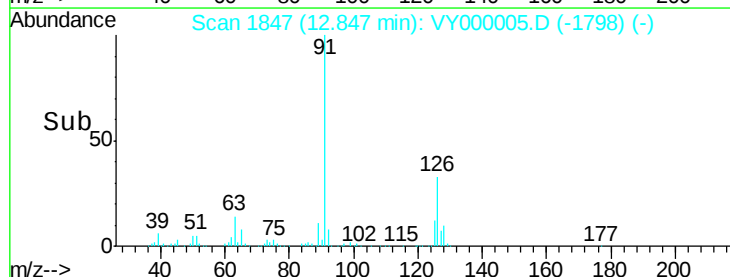
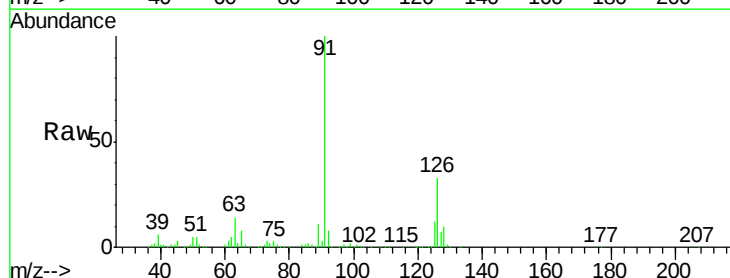
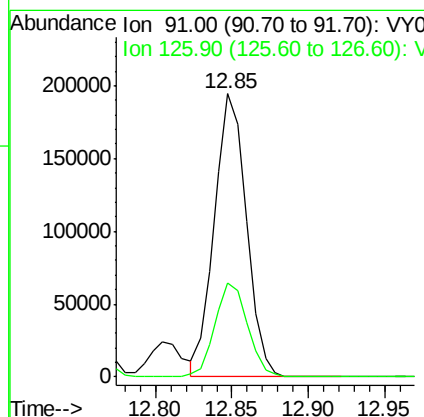
RT: 12.85 min Scan# 1847

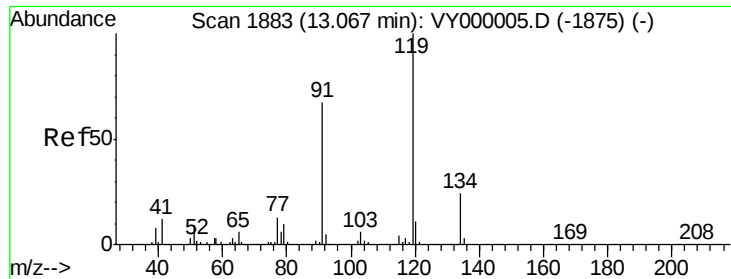
Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Tgt Ion:	91	Resp:	283083
Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.0	50.9





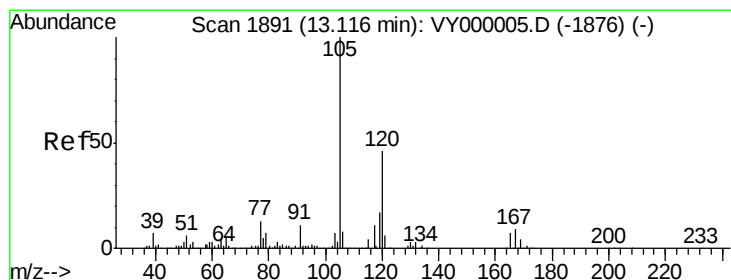
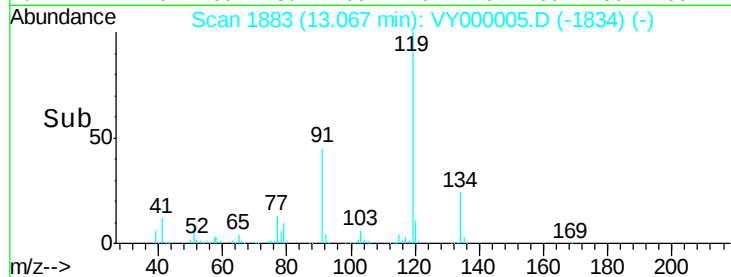
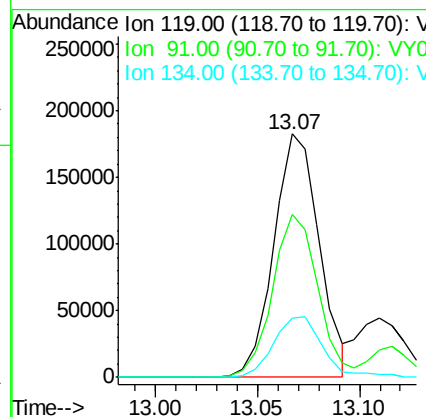
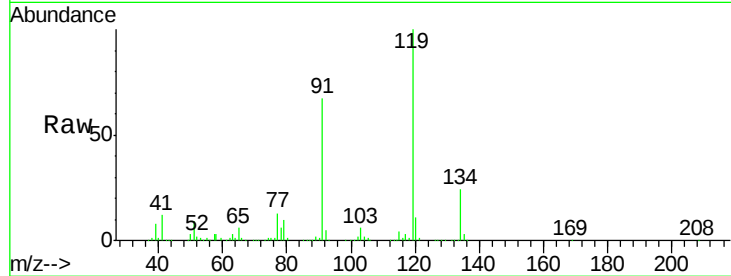
#83
tert-Butylbenzene
Concen: 48.943 ug/l
RT: 13.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	283181		
91	67.2	33.6	100.8	
134	27.3	13.7	41.0	

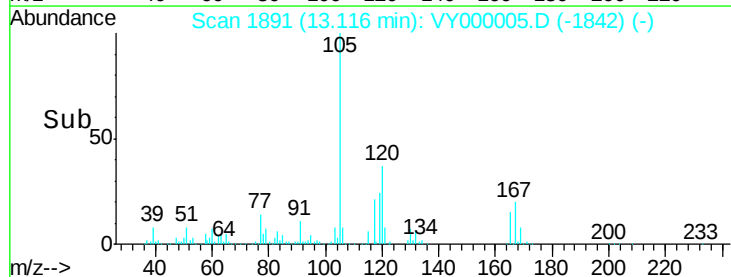
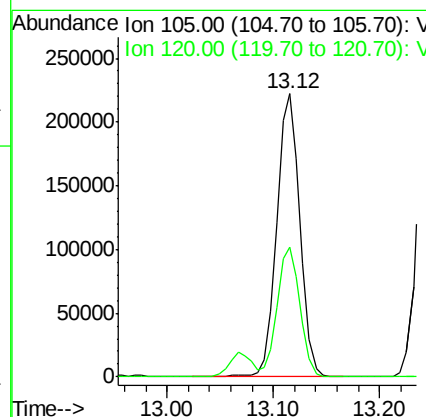
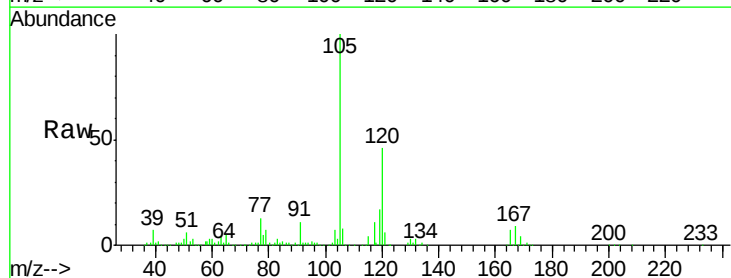
Manual Integrations
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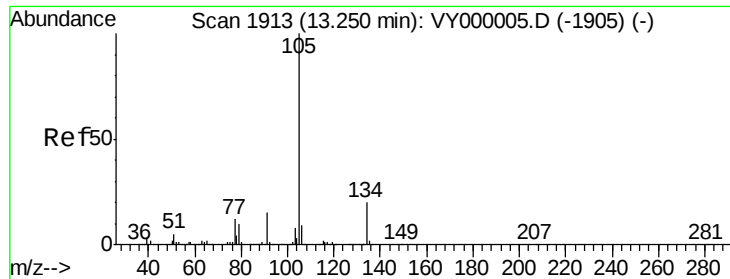
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#84
1,2,4-Trimethylbenzene
Concen: 50.303 ug/l
RT: 13.12 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	334678		
120	45.5	22.8	68.3	





#85

sec-Butylbenzene

Concen: 52.200 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 423801

Ion Ratio Lower Upper

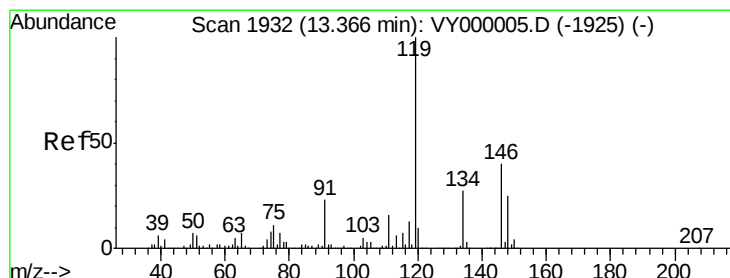
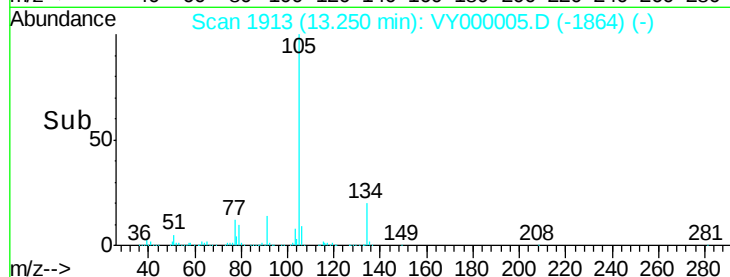
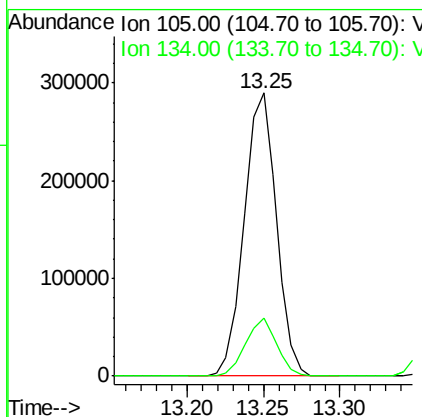
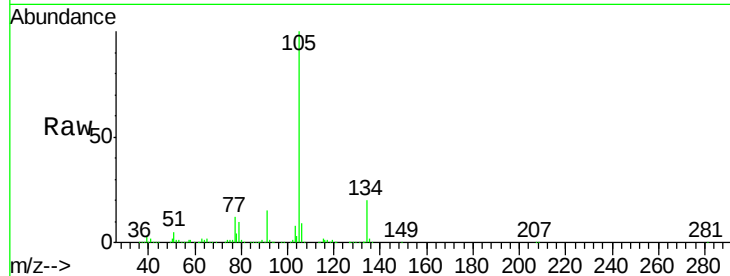
105 100

134 19.8 9.9 29.7

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 49.124 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

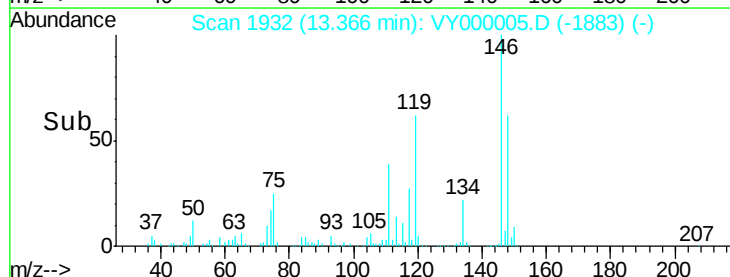
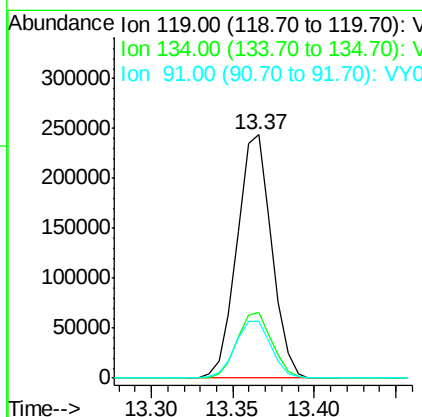
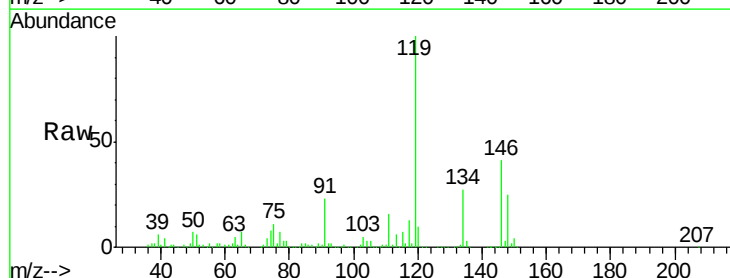
Tgt Ion:119 Resp: 359507

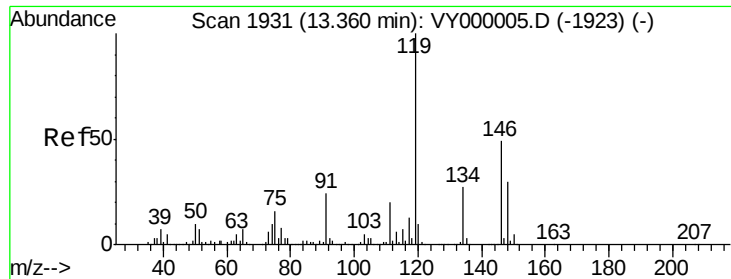
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 24.4 12.2 36.6





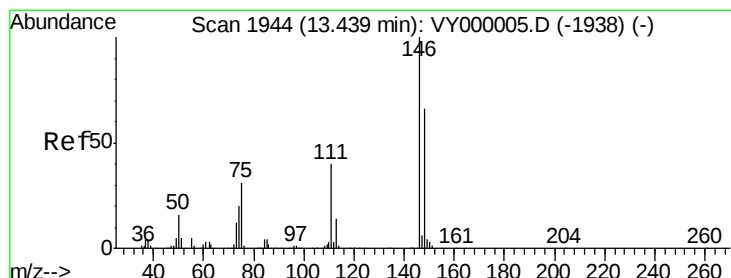
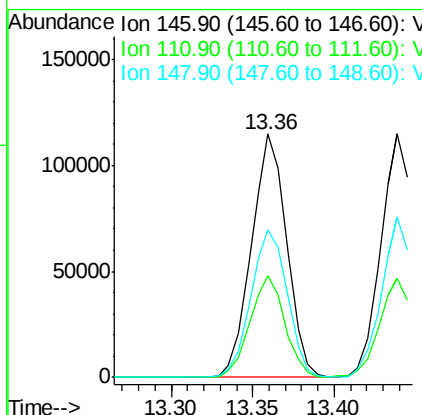
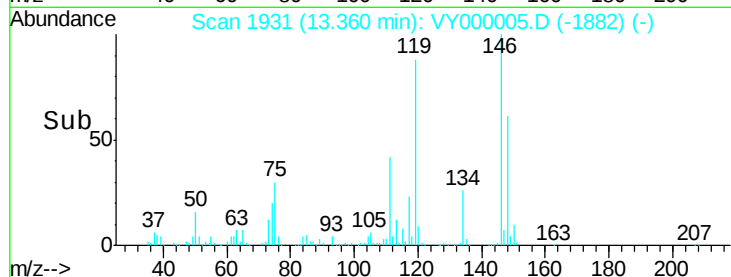
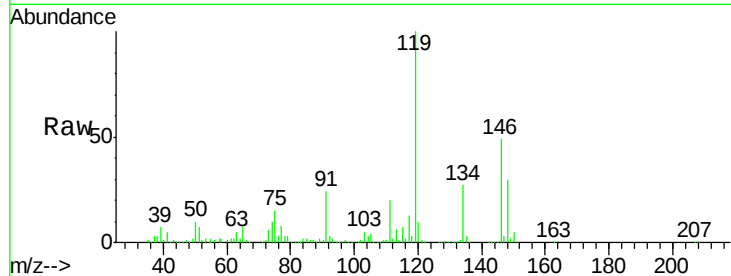
#87
 1,3-Dichlorobenzene
 Concen: 49.455 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	172158		
111	41.3	20.6	61.9	
148	62.6	31.3	93.9	

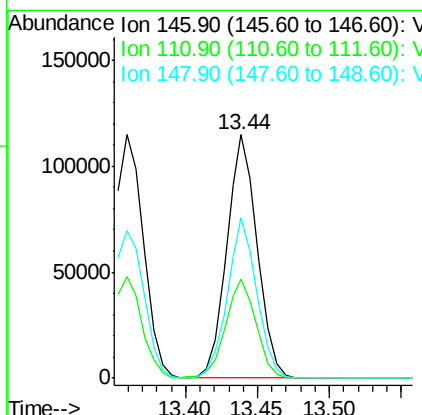
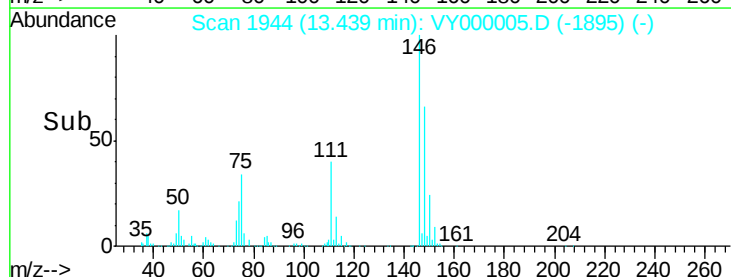
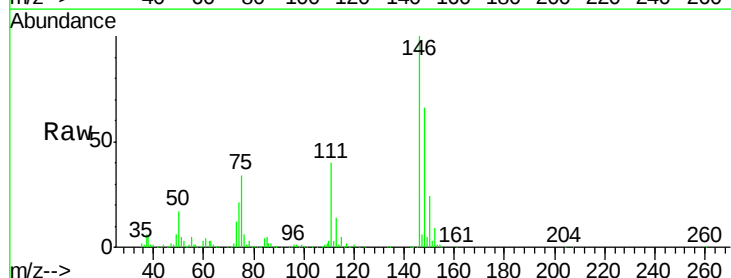
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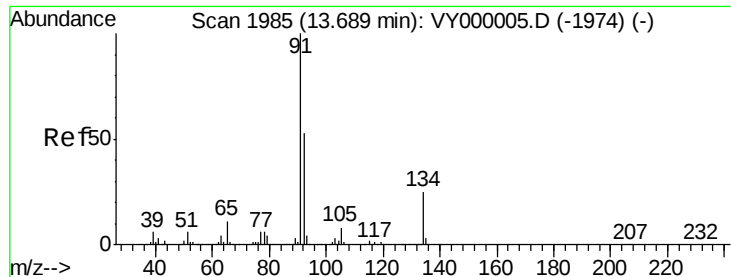
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#88
 1,4-Dichlorobenzene
 Concen: 48.962 ug/l
 RT: 13.44 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	169260		
111	40.6	20.3	60.9	
148	63.8	31.9	95.7	





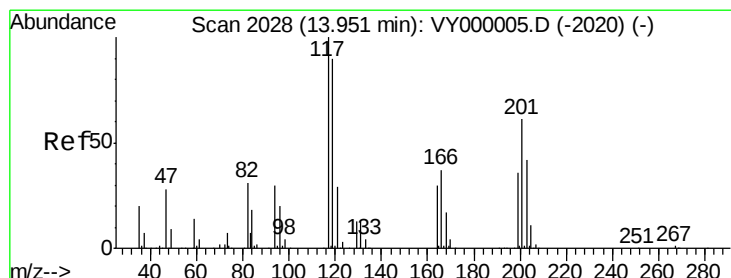
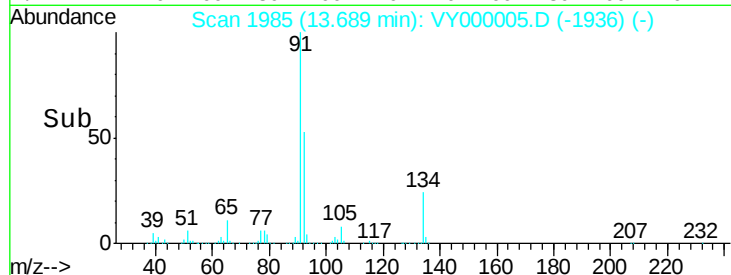
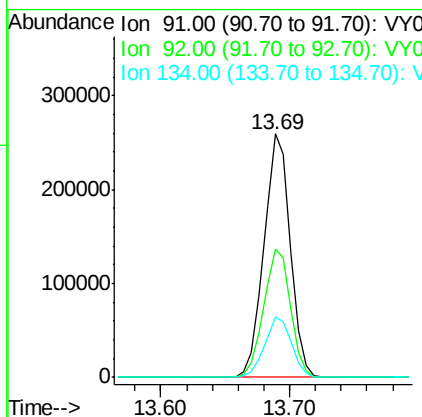
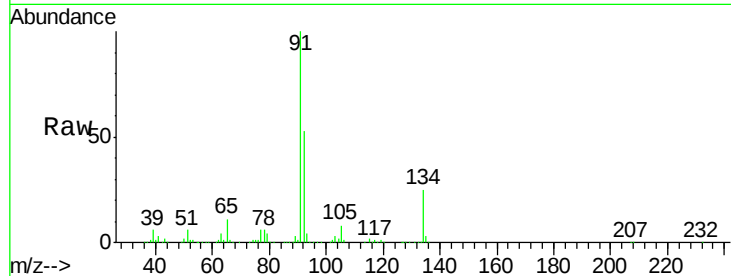
#89
n-Butylbenzene
Concen: 50.912 ug/l
RT: 13.69 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.0	80.8
134	25.3	12.7	38.0

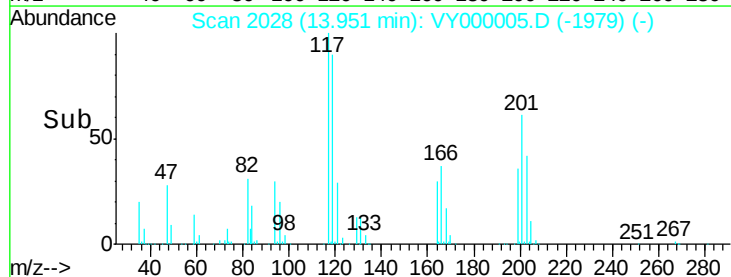
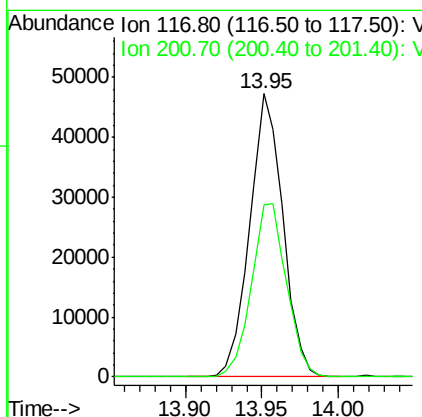
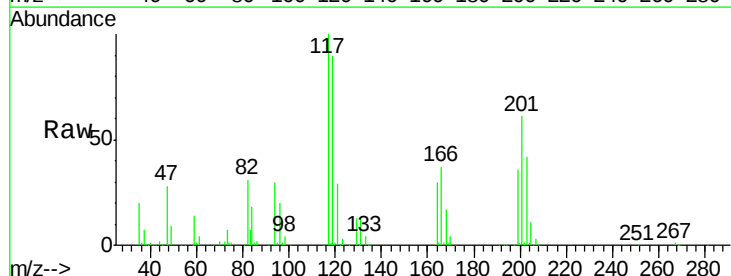
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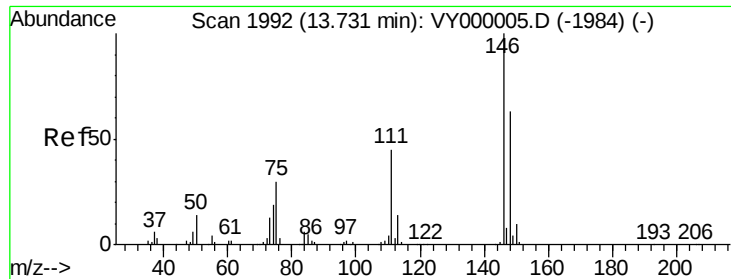
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#90
Hexachloroethane
Concen: 54.553 ug/l
RT: 13.95 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.5	32.3	96.8





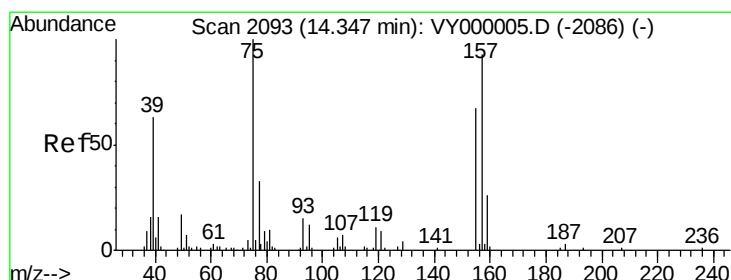
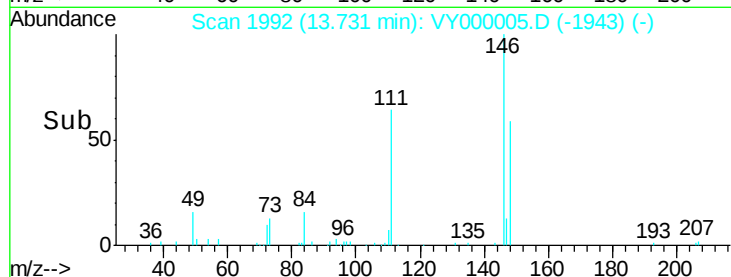
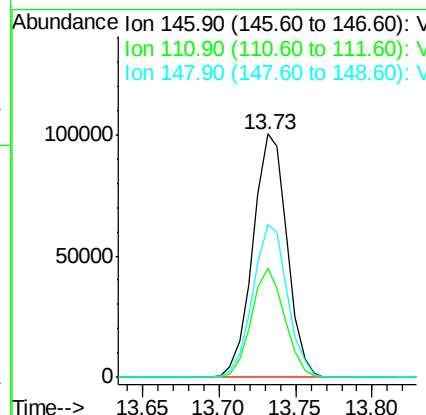
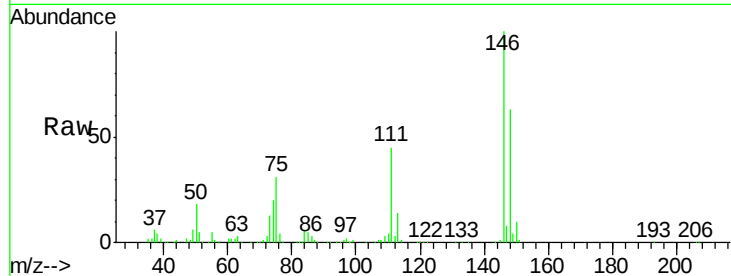
#91
 1,2-Dichlorobenzene
 Concen: 49.413 ug/l
 RT: 13.73 min Scan# 1992
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	155285		
111	43.7	21.9	65.5	
148	63.7	31.9	95.5	

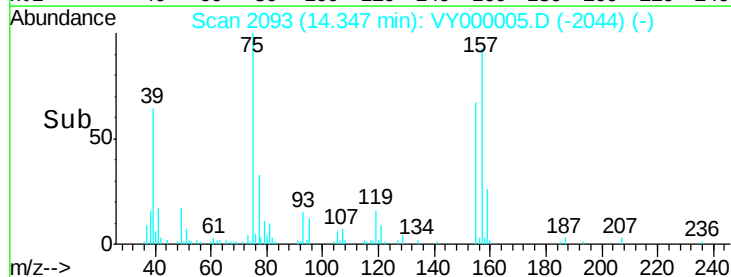
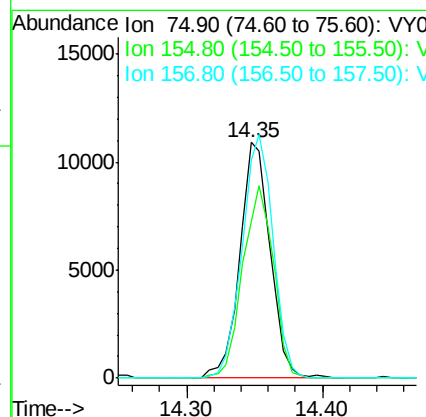
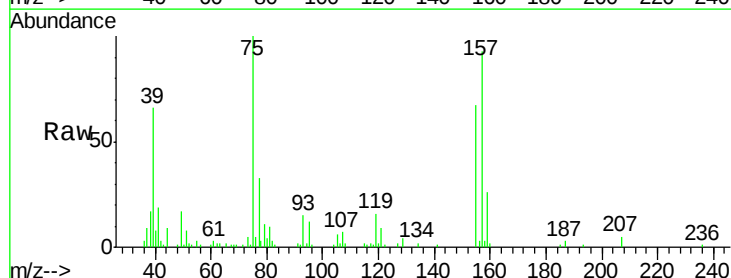
Manual Integrations
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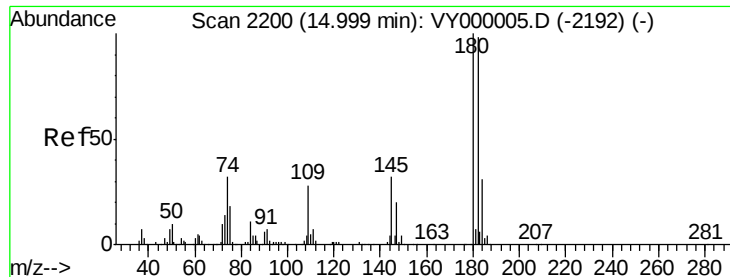
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.755 ug/l
 RT: 14.35 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16980		
155	82.8	41.4	124.2	
157	105.6	52.8	158.4	





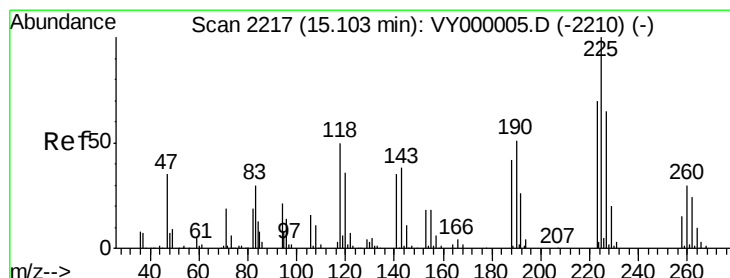
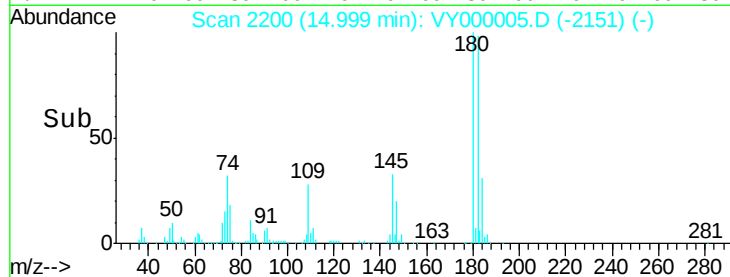
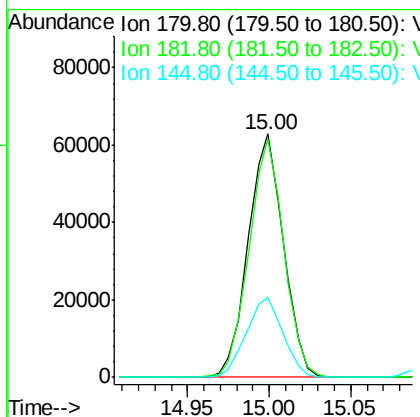
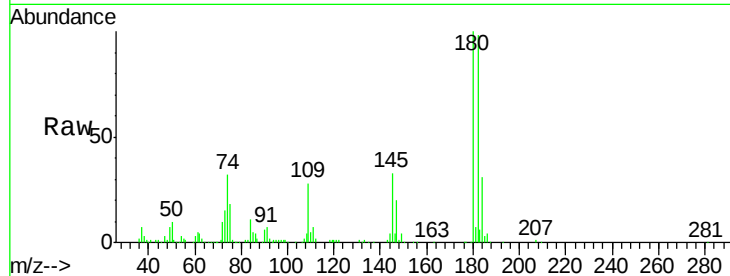
#93
 1,2,4-Trichlorobenzene
 Concen: 44.749 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	94893		
182	96.8	48.4	145.2	
145	34.4	17.2	51.6	

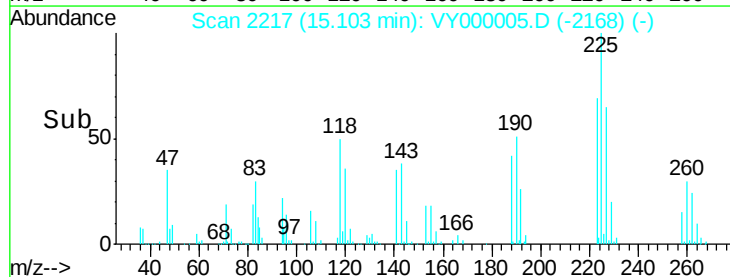
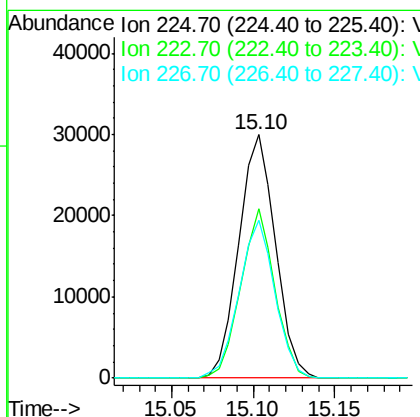
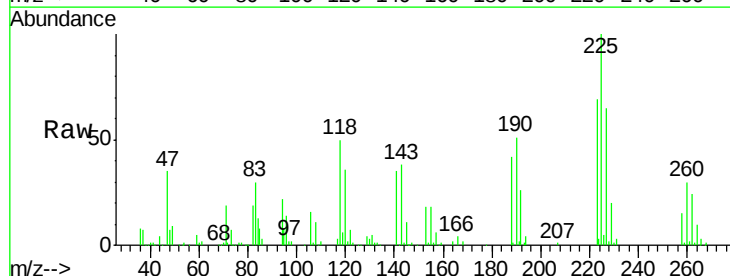
Manual Integrations
 APPROVED

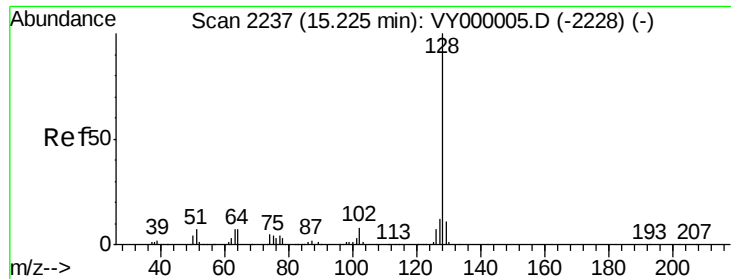
MMDadoda
 9/13/2019 11:51:31 PM



#94
 Hexachlorobutadiene
 Concen: 33.310 ug/l
 RT: 15.10 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46869		
223	64.5	32.3	96.8	
227	63.6	31.8	95.4	





#95

Naphthalene

Concen: 62.926 ug/l

RT: 15.23 min Scan# 2237

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

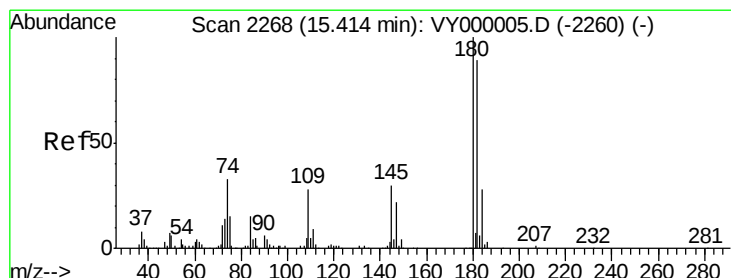
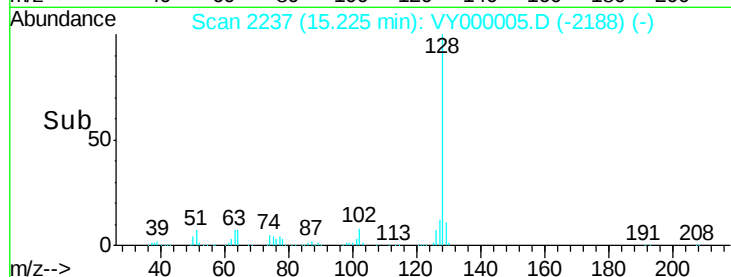
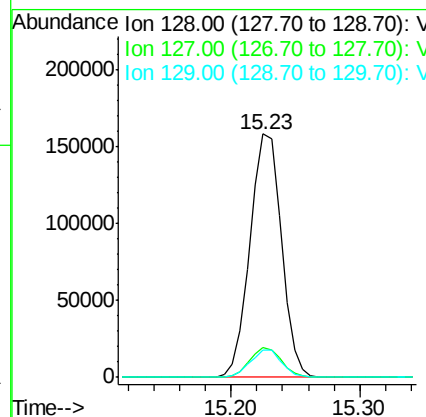
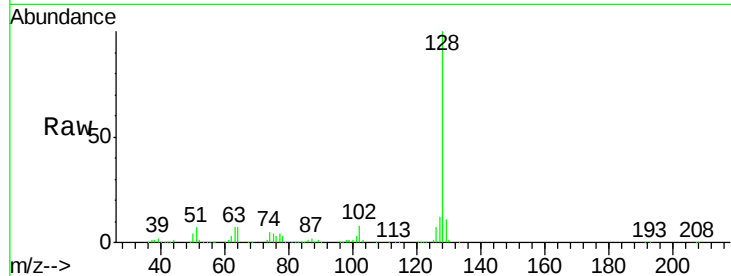
ClientSampleId :

VSTDICCC050

Tot Ion:	128	Resp:	266094
Ion Ratio		Lower	Upper
128	100		
127	12.3	9.8	14.8
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
9/13/2019 11:51:31 PM



#96

1,2,3-Trichlorobenzene

Concen: 47.881 ug/l

RT: 15.41 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Tgt Ion:	180	Resp:	90334
Ion Ratio		Lower	Upper
180	100		
182	92.1	46.1	138.2
145	32.4	16.2	48.6

